

SECURITY CLASSIFICATION OF THIS PAGE (Winen Data Entered)

REPORT DOCUMENTATION	PAGE		EAD INSTRUCTIONS ORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.		
4. TITLE (and Subtlite)  Summary of Meteorological Observat	tions, Surface		REPORT & PERIOD COVERED  Ce report 1945-1977
(SMOS) Whiting Field, Florida		6. PERFORM	ING ORG. REPORT NUMBER
7. AUTHOR(*) N/A		8. CONTRAC	T OR GRANT NUMBER(*)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28001			M ELEMENT, PROJECT, TASK WORK UNIT NUMBERS
Director, Naval Oceanography and M	Meteorology	July 1	
National Space Technology Laborato	ries	13. NUMBER	
NSTL Station, MS 39529		358	
14. MONITORING AGENCY NAME & ADDRESS(If different	t from Controlling Office)	Unclas:	ry CLASS. (of this report) Sified
		15a. DECLA	SSIFICATION/DOWNGRADING
16. DISTRIBUTION STATEMENT (of this Report)			ACCESSION for
Approved for public release; distr			NTIS White Section DDC Buff Section DUMANNOUNCED DUSTIFICATION BY DISTRIBUTION/AVAILABILITY CODES
			DDC Buff Section  UNANNOUNCED  JUSTIFICATION  BY
17. DISTRIBUTION STATEMENT (of the abatract entered to	in Block 20, II dillerent fro d Identily by block number; ture, precipitat re, extreme tempe ons, monthly cli	non Report)  tion, ceileratures, imatology	DDC Buff Section DumANNOUNCED DUSTRIBUTION DISTRIBUTION/AVAILABILITY CODES Dust. Avail. and or SPECIAL Avail. and or SPECIAL Revel pressure, Naval shore

9	STATION NO ON SUMMARY. 93841	STATODANAME Whiting Field (Milton), Florida	orida	30.7	13'N	LONGITUDE 87°01'W	STATION ELEV (FT.) 200	KNSE	WWO NUMBER	e-
		STATION LOCATION		NDIN	ISTRUA	AND INSTRUMENTATION	TION HI	HISTORY	_	
NUMBER OF BARQ		GEOGRAPHICA: COTATIONS NAME	TYPE	AT THIS LOCATION	TION	IATOTOR	301413901	ELEVATION ABOVE MSL	BOVE MSL	280
LOCATION			STATION	FROM	10			FEET	TYPE BAROMETER	DAY
1.	North west	corner hangar 1424	Navy		1950	30°46'N	87°01'W	208	Mercurial	Var
2.	Room 34,	Room 34, building 1424		1950	1953	30°43'N		196	=	=
3.	First de	First deck hangar 1424	:	1953				175	:	:
4.	First de	First deck hangar 1424	:	1960		:	=	177	:	
la.	Weather	Weather service office	:	1959	1975	:	=	179	Aneroid	=
2a.	Second d	Second deck of hangar 1424	:	1975		=		222		24
NUMBER	DATE	SURFACE WIND EQUIPMENT INFORMATION	MENT INFOR	MATION						
OF	OF	LOCATION		TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDIT	IONAL EQUIPMENT.	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	35
1.	Installed 1950	North field hangar roof		Selsyn	Triple	277 MSL			(0)	
2.	1957	South field hangar roof		UMQ-5	RD-108	:	2. Auto met 3. Ceiling 1	Auto met sta (AN/GMQ-29) Ceiling light (ML-121)	/GMQ-29) L-121)	
3.	1958	Selsyn replaced with aerovane	a	:	:	:		sight set	Cloud height set (AN/GMQ-13) Transmissometer (AN/GMQ-10)	3
4.	1959	North of weather office		UMQ-5D	=	13'				
SE	NWSD, Federal Building	Building	1		how	0	033			
				3	250		1			

# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

- Ten years of data will be used as the standard period of record (POR).
- 2. All available data will be used for extreme values.
- Summarize (update) every five years.
- 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. will be included for extreme values.
- b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
- c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
- d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS pre-pared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

tions are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.). DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined corded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observa

reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some Questionable values will most likely be single occurrences shown by a percentage fre-(This value indicates a percent less than ".05," which, in most cases, reflects a single occurrence of an occasional spurious value should not in itself be considered significant. Every effort COMMENT: All observations summarized in this tabulation have been computer edited for consistency and quency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a sin observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms. could be valid.

### PART A

### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- 1. By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- 3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Since more than one type of precipitation may be reported in the same Percentage of observating with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction

Percentages The total number of observations may vary among tables within the same month and period. may not always equal 100.0 due to rounding practices. NOTE:

### PARTA

# ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than persummarized in these tabulations. However, it should be noted that in this summary the columns headed total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later. NOTE:

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the "% Total" indicates percentage frequency observations and is presented by month and annual, all hours and years combined. (plus calm). Column totals show the number of observations. of occurrences.

30

E

### WEATHER CONDITIONS

93841 STATION

WHITING FIELD, FLURIDA STATION NAME

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

NAC

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155			1240
% OF OBS WITH OBST TO VISION	40.0	43.9	0.64	24.5	33.5	25.2	34.8	38.7			39.9
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	9.7	0.6	10.3	29.0	23.9	19.4	26.5	15.5			17.9
FOG	32.3	37.4	45.6	31.0	10.3	6.9	12.3	25.2			24.7
% OF OBS WITH PRECIP.	12.3	16.1	12,3	12.3	7.7	0.6	10.3	11.0			11.4
HAIL											
SNOW AND/OR SLEET	٠.	•	•			•					œ.
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	12.3	15.5	11.6	12.3	7.7	4.6	10.3	11.0			111.1
THUNDER- STORMS	•	9.	1.3	•		9.	1.3				9.
HOURS (L.S.T.)	8	60	90	60	12	15	18	12			
МОМТН	JAN										TOTALS

# E B

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

73-77

WHITING FIELD. FLORIDA

93841

15658-805 1151

NO. OF OBS.	141	141	141	141	141	141	141	3			1128
% OF OBS WITH OBST TO VISION	38.3	43.3	46.1	46.8	29.1	22.0	30.5	31.9			36.0
DUST AND/OR SAND	.,	۲.		1.4	1.4	1.4		••			1.0
BLOWING											
SMOKE AND/OR HAZE	14.2	19.1	18.4	31.9	21.3	17.7	22.7	17.0	,		20.3
FOG	29.1	30.5	35.5	17.7	7.1	3.5	6.6	19.1			19.1
% OF OBS WITH PRECIP.	4.3	5.7	10.6	4.0	4.4	3.5	7.8	4.0			4.9
HAIL											
SNOW AND/OR SLEET					.7	.,	.,				*.
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	4.3	5.7	10.6	6.4	4.9	3.5	7.1	5.7			6.2
THUNDER- STORMS		.7	2.8	.7	.,	1.4	1.4	2.1			1.2
HOURS (L.S.T.)	00	60	90	60	12	15	18	2.1			
MONTH	FEB										TOTALS

93841 STATION

WHITING PIELD. FLORIDA

73-77

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	195	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	51.6	37.4	9.09	52.3	36.1	28.4	32.3	45.2		45.5
AND/OR SAND				•						.1
BLOWING										
SMOKE AND/OR HAZE	18.1	18.1	10.1	39.4	30.3	24.5	23.2	27.1		24.6
FOG	9.04	47.7	52.3	18.7	0.6	6.9	12.9	27.1		56.9
% OF OBS WITH PRECIP.	11.0	12.3	12.9	14.8	9.7	0.6	11.0	12.3		11.6
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	11.0	12.3	12.9	14.8	9.7	0.6	11.0	12.3		11.6
THUNDER. STORMS	1.9	1.9	5.6	1.9	3.2	1.3	1.3	1.3		1.9
HOURS (L.S.T.)	8	03	90	60	12	15	18	21		
МОМТН	MAR							7		TOTALS

WHITING FIELD, FLURIDA 93841 STATION

73-77

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

									 	T
NO. OF OBS.	150	150	150	150	150	150	150	150		1200
% OF OBS WITH OBST TO VISION	38.7	45.3	53,3	38.0	23.3	21.3	27.3	32.7		35.0
AND/OR SAND										.1
BLOWING										
SMOKE AND/OR HAZE	20.0	18.0	22.0	32.0	21.3	19.3	23.3	24.7		22.6
50	24.7	32.7	41.3	7.3	2.0	3.3	0.4	14.7		16.3
% OF OBS WITH PRECIP.	4.7	2.7	0.9	8.7	4.7	8.0	6.7	5,3		6.6
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	4.7	2.7	0.9	8.7	4.7	8.0	6.7	5.3		5.9
THUNDER- STORMS		2.0	2.0	1.3	۲.	2.7		2.0		1.5
HOURS (L.S.T.)	00	60	90	60	12	15	18	21		
МОМТН	APR			À						TOTALS

93841

1265-3605 mgH

WHITING FIELD, FLORIDA

73-77

MAY

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	155	155	155	155	155	155	155	155	T		1240
29ō											-
% OF OBS WITH OBST TO VISION	47.7	59.4	76.8	45.8	34.8	29.7	31.6	41.3			45.9
DUST AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	36.1	34.8	44.5	45.6	32.9	27.7	29.0	38.7			35.8
FOG	23.2	45.6	55.5	4.5	5.6	2.6	4.5	11.6			18.4
% OF OBS WITH PRECIP.	4.5	9.0	4.5	7.1	5.2	7.1	7.1	5.2			5.8
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	4.5	5.8	4.5	7.1	5.2	7.1	7.1	5.5			8
THUNDER- STORMS	1.3	1.9	2.6	2.6	3.9	3.2	5.5	2.6			5.9
HOURS (L.S.T.)	00	03	90	60	12	15	18	12			
MONTH	MAY										TOTALS

93841 STATION

WHITING FIELD, FLORIDA

73-77

YEARS

SUN HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTAL NO. OF OBS.	150	150	150	150	150	150	150	150			1200
% OF OBS WITH OBST TO VISION	35.3	56.7	78.0	46.0	30.7	28.7	34.7	36.7			43.4
AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	25.3	28.0	43.3	46.0	30.7	28.0	30.7	28.7			32.6
90	14.0	38.0	57.3	1.3		۲.	4.0	10.7			15.8
% OF OBS WITH PRECIP.	2.0	2.0	2.0	2.7	4.7	12.7	6.7	5.3			4.8
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	2.0	2.0	2.0	2.7	4.7	12.7	6.7	5.3			4.8
THUNDER- STORMS	1.3	1.3	2.0	1.3	4.0	8.7	8.7	4.0			3.9
HOURS (L.S.T.)	00	60	90	60	12	15	18	21			
MONTH	NOS										TOTALS

### 5701 WEATHER CONDITIONS WEATHER CONDITIONS

WHITING FIELD, FLORIDA

STATION 93841

73-77

35

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MO. OF 065.	154	155	155	155	155	155	155	155		1239
% OF OBS WITH OBST TO VISION	54.5	72.3	84.5	58.1	47.1	47.1	54.2	51.6		58.7
AND/OR SAND										
BLOWING										
SWOKE AND/OR HAZE	44.8	48.4	57.4	56.8	45.8	46.5	50.3	45.8		49.5
8	16.9	47.1	1.69	5.6	1.3	1.3	5.5	11.0		19.4
% OF OES WITH PRECIP.	1.9	1.9	3.2	7.1	14.2	14.2	4.1	5.2		7.2
HAIL										
SNOW AND/OR SLET										
FREEZING RAIN &/OR DRIZZLE										
AND/OR AND/OR DRIZZLE	1.9	1.9	3.2	7.1	14.2	16.2	9.7	5.2		7.2
THUNDER. STORMS		•	1.3	1.3	0.6	20.0	13.5	3.2		6.1
HOURS (LST.)	8	60	90	60	12	15	1.8	12		
МОМТН	105									TOTALS

\*

80

93841 STATION

15648-8605 119H

WHITING FIELD, FLORIDA

STATION NAME

73-77

YEARS

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

		-			-	-	-	-	-	-	
NO. OF OBS.	155	155	155	155	155	155	155	155			1
% OF OBS WITH OBST TO VISION	0.64	64.5	7.78	34.8	37.4	35.5	36.1	41.3			3
AND/OR SAND											
BLOWING											
SMOKE AND/OR HAZE	33.5	34.8	45.8	50.3	34.8	31.6	32.3	31.0			
8	27.7	52.3	74.2	5.8	2.6	3.9	4.5	18.1			
% OF OBS WITH PRECIP.	3.9	•	6.5	5.2	12.9	13.5	**	4.5			
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	3.9	9.	6.5	5.2	12.9	13.5	ab . 4.	4.5			
THUNDER- STORMS	1.3	1.3	3.9	1.3	12.3	12.9	11.0	3.2			
HOURS (LS.T.)	00	60	90	60	12	15	18	21			
МОМТН	AUG										TOTALS

WHITING FIELD, FLORIDA

93841 STATION

ISEAS BOSS HEN

73-77

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	50	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBST WITH OBST TO VISION	NO. OF OBS.
SEP	8	1.3	3.3				3.3	26.7	28.7			46.7	150
	60	2.0	6.7				6.7	48.7	29.3			63.3	150
	90	3.3	11.3				11.3	1.99	36.7			78.7	150
	60	2.0	7.3				7.3	11.3	50.0			58.0	150
	12	4.0	12.0				12.0	4.0	30.7			34.7	150
	15	4.7	15.3				15.3	2.7	28.7			31.3	150
	18	4.7	4.7				4.7	0.9	33.3			38.0	150
	21	2.7	4.7				4.7	12.7	30.0			38.0	150
TOTALS		3.1	8.2				8.2	22.4	33.4			48.6	1200

WHITING FIELD, FLORIDA

STATION NAME

STATION 93841

73-77

00

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

NO. OF OBS.	155	155	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	32.3	40.0	58.1	45.6	21.3	16.8	19.4	28.4		32.4
AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	17.4	18.7	25.8	31.6	16.8	14.2	14.8	20.6		20.0
50	50.6	32.3	50.3	12.3	4.3	3.9	6.5	12.3		17.8
% OF OBS WITH PRECIP.	3.9	5.6	6.5	5.8	6.9	4.5	3.9	3.9		4.7
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	3.9	2.6	6.9	5.8	6.9	4.3	3.9	9.6		4.7
THUNDER- STORMS	9.		9.		1.3	9.		•		
HOURS (L.S.T.)	00	03	90	60	12	15	18	12		
MONTH	100									TOTALS

YEARS 73-77

WHITING FIELD, FLORIDA

93841 STATION

STATION NAME

>ON

WEATHER CONDITIONS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

	1							$\neg \tau$	 $\neg$	
NO. OF OBS.	150	150	150	150	150	150	150	130		1200
% OF OBS WITH OBST TO VISION	33,3	36.0	42.7	39.3	22.7	18.0	19.3	27.3		8.62
DUST AND/OR SAND										
BLOWING										
SMOKE AND/OR HAZE	4.7	5,3	4.7	19.3	14.7	12.7	9.3	6.1		4.6
FOG	30.7	32.7	40.7	26.0	8.0	0.9	10.7	24.7		22.4
% OF OBS WITH PRECIP.	7.3	4.7	11.3	11.3	8.0	8.0	7.3	7.3		8.2
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	7.3	4.7	11.3	11.3	8	8.0	7.3	7.3		8.2
THUNDER- STORMS	2.0	1.3		0.2	۲.			۲.		1.0
HOURS (L.S.T.)	8	03	90	60	12	1.5	18	12		
MONTH	NON									TOTALS

Ē

WHITING FIELD, FLORIDA

93841 STATION

73-77

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

TOTAL NO. OF OBS.	155	185	155	155	155	155	155	155		1240
% OF OBS WITH OBST TO VISION	26.5	26.5	31.0	36.1	21.9	20.0	18.7	23.2		25.5
DUST AND/OR SAND	9.	•	•	•						.3
BLOWING										
SMOKE AND/OR HAZE	5.8	5.6	1.3	17.4	14.2	12.9	4.8	4.8		8.9
500	21.9	24.5	30.3	6.12	4.4	0.6	12.3	15.5		18.1
% OF OBS WITH PRECIP.	4.4	7.1	10.3	7.1	7.1	7.1	7.7	5.8		7.7
HAIL										
SNOW AND/OR SLEET										
FREEZING RAIN &/OR DRIZZLE										
RAIN AND/OR DRIZZLE	7.6	7.1	10.3	7.1	7.1	7.1	7.7	8.0		7.7
THUNDER- STORMS	1.3		9.					1.3		4.
HOURS (L.S.T.)	00	03	90	60	12	15	18	2.1		
МОМТН	DEC									TOTALS

### STOTE WEATHER CONDITIONS JAN 8

### WEATHER CONDITIONS

WHITING FIELD, FLORIDA STATION NAME

STATION 93841

40

15648-9005 1191

73-77

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

NO. OF OBS.	1240	1128	1240	1200	1240	1200	1239	1240	1200	1240	1200	1240	14607
% OF OBS WITH OBST TO VISION	39.9	36.0	45.5	35.0	45.9	43.4	58.7	50.8	48.6	32.4	8.62	25.5	41.0
AND/OR SAND		1.0		.1								.3	.1
BLOWING													
SMOKE AND/OR HAZE	17.9	20.3	24.6	22.6	35.8	32.6	49.5	36.8	33.4	20.0	4.4	8.9	26.0
8	24.7	19.1	26.9	16.3	18.4	15.8	19.4	23.6	22.4	17.8	22.4	18.1	20.4
% OF OBS WITH PRECIP.	11.4	4.6	11.6	5.9	5.8	4.8	7.2	6.9	8.2	4.7	8.2	7.7	7.4
HAIL													
SNOW AND/OR SLEET	.3	*.											-:
FREEZING RAIN &/OR DRIZZLE													
RAIN AND/OR DRIZZLE	11.1	6.2	11.6	5.9	5.8	6.4	7.2	6.9	8.2	4.7	8.2	7.7	7.4
THUNDER- STORMS	9.	1.2	1.9	1.5	5.9	3.9	6.1	5.9	3.1	.5	1.0	4.	2.4
HOURS (L.S.T.)	ALL												
МОНТН	JAN	FEB	MAR	APR	MAY	AU.	JUL	AUG	SEP	100	NON	DEC	TOTALS

=6)

I

2

P

### WEATHER CONDITIONS ATMOSPHERIC PHENDHENA

WHITING PIELOS FLORIDA

49-77

YEARS

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

	840	756	865	845	668	070	852	986	148	835	808	856	69
NO. OF	•		•		•	•	8				•	•	10169
% OF OBS WITH OBST TO VISION	1.99	70.2	70.5	71.6	10.4	0,40	63.1	1,00	0.49	0.00	60.8	0.50	0.99
DUST AND/OR SAND	1.		2.0	1.0									.3
SNOWING	-												0.
SMOKE AND/OR HAZE	44.3	45.0	48.4	45.0	48.2	47.6	44.8	8.64	47.1	43.4	36.8	40.3	45.1
50	53.9	54.2	29.0	62,1	60.8	2.26	52,5	56.0	52.7	48.0	50.4	53,3	54.6
% OF OBS WITH PRECIP.	1.04	2.44	43.9	31.6	34.4	50.3	4.69	58.4	43.3	24.1	33,5	43.7	42.9
HAIL	2			. 5		6		2			-		
SNOW AND/OR SLEET	1.5	6.	9.									S	.3
FREEZING RAIN &/OR DRIZZLE				1			1						0.
RAIN AND/OR R DRIZZLE	43.2	0.44	63.8	31.6	34.4	50.3	63.4	58.4	43.3	26.1	33.5	43.7	42.8
THUNDER- STORMS	5.3	8.5	16.7	14.5	18.2	36.6	48.7	42.5	19.9	6.0	5.8	5,5	18.8
HOURS (L.S.T.)	DAILY												
MONTH	NAC	111	× A×	APR	XAX	NOC	306	AUG	SEP	700	NO.	230	TOTALS

NAL

WHITING FIELDS FLORIDA

1	2027	
	-	-
	×40747	18/3-05/67

	Į			
	ı			
	۱			
	ı			
	ı	ų	,	
	ı	9	;	
	ı	ï	ì	
,	ı	,	ķ	
	ı			
	ł			
١	ı			

	ä	

	1
	1
à	l
-	
ŕ	I.
	2
-	2
	1

	1	
	ı	
	1	
-	1	
a	1	
3	١,	
COMP.	10	

	. 1.8.1.
ALL	HOURS I
JANOARY	1
ZAS	MONT

NO WEATHER	63.6	36.8	50.0	1.29	58.1	41.8	50.62	41.7	46.8	35.6	44.8	9.75	40.0	76,5	84.4	10.0		N	169	56.0
SAND SAND AND																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	12.5	13.5	9.6	13.8	8.1	20.0	31.1	25.0	5007	5000	1007	2007	5119	11.8	0 . 3	1201		N A	192	15.5
GROUND GROUND	3.6	1.9	5.7	6.9	6.9	12.7	18.0	5.0	4.	2.2	13.8	1.6	12.5	2.9	3.1	4.5		SV A	101	8.1
200	11.4	17.6	20.B	10.3	2092	16.4	54.0	68.3	19.1	48.9	13.6	2117	12.3	8.8	4:4	2 . 8		No.	205	16.3
THUNDER	+				1.5			1.7		4.4			3.1			0.		X	<b>5</b> 0	•
HAIL	100																	X		
SNOW GRAINS PELLETS SHOWER		2.7														6.		X	m	2.
	CKISIAD			3.4														X	Ī	-
FREEZING RAIN FREEZING	DWITTE																	$\bigvee$		
DRIZZLE	6.9		9.6		3.2	5.5	1.6	3.0	1.1	4.4			6.9			6.		X	640	3.2
RAIN	1.	4.	7.5		4.8	3.5		1.7	6.4	8	3.4	3.0	3.1	5.9	3.1	6.		X	33	2.7
RAIN	7.4	17.6	6	13.3	4 .8	10.9	9.9	1.7	4.3	4.4			0	2.9		2.7		7	99	5.3
WIND	z	MNN	N.	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

TO !

WHITING FIELD, FLO

	2		
NAME	YEARS	MONTH	HOURS (L.S.T.)

NO WEATHER	61.3	63.8	52.0	63.2	65.2	63.4	41.3	56.3	62.6	46.1	56.4	55.1	63.2	76.4	74.6	76.0			469	61.5
SAND SAND DUST																		M		
BLOWING																		$\bigvee$		
SMOKE	25.2	12.8	16.0	31.6	13.0	12.2	19.6	18.8	19.1	22.4	17.9	500	10.5	10.9	17.5	16.3		7	203	18.0
ICE FOG GROUND FOG	6.3	2.1	0.8	5.3	6.9	4.9	13.0	80	9.6	3.9	7.7	12.2	3.5	3.6	7.9	4.8		*	60	1.1
50	7.2	12.8	20.0		18.2	7.3	30.4	16.7	12.2	21.1	12.8	8.2	0.4	3.0	2.6	2.9		X	128	1103
THUNDER						2.4		2.1	1.7	5.3		2.0	9.2	3.6	1.6			$\bigvee$	14	1.2
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS	6.		4.0															M	~	.2
SLEET S SHOWERS ICE CRYSTALS		4.3	8.0															M	*	4.
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE					2.2		2.2	2.1	6.	1.3								X	-	
RAIN						4.9	2.2	10.4	3.5	5.3	7.7	5.1	7.0	3.6	1.6			X	31	2.7
NIA N	60	12.8	12.0	33	0,0	6.4	4.3	2.1	1.7	2.6	2.6				1.6	1.9		X	32	2
WIND	z	NNR	N.	ENE	W	ESE	SE	SSE	s	SSW	SW	WSW	3	*N*	N.N.	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,128

93841	WHITING FIELD, FLUXIDA	JAN 1973-DEC 1977	MAR
		34	MONTH

ALL	HOURS (1.5.T.)
X DX DX	MONTH
	-

NO	68.3	17.6	56.7	57.1	7.64	45,3	42.7	37.8	39.0	45,9	38.0	30.7	20.0	72.2	61.0	64.1		X	629	2005
SAND SAND AND DUST																		$\bigvee$		
BLOWING																		M		
SMOKE	14.4	8.6	13.3	8.5	12.9	17.2	6.22	37.08	0.04	32.9	34.0	33.3	50.0	13.9	10.8	5992		N N	294	23.7
GE FOG GROUND FOG	6.7	3.4	13.3	1.41	19.4	9.6	13.5	7.2	8.0	15.3	10.0	1001	14.1	2.8	3.4	1.0		X	137	11.0
50	9.6	8.6	13.3	8.0	9 . 27	6112	0 . 42	9172	16.3	14.1	0.91	13.3	17.0	2.0	8 . 1	5.9		X	196	15.0
THUNDER	2.9		3.3	2.9		3.1	1.0	2.7	1.5		004	3.3		8.3				X	24	1.9
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS																		$\bigvee$		
SLEET " SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE	1.9	1.7			3.2	4.7	3.1	2.7	1.0									X	-	1.5
RAIN	3.8		3.3	3.7	4.6	7.8	4.2	7.2	3.5	5.9	0.0	13.3	5.9		10.8			X	61	4.9
N N	7.7	6.9	10.0	20.0	1001	10.9	3.1	6.	4.5	3.5	0.9		5.9		2.7	2.9		X	9	3.2
WIND	z	NNE	N M	ENE	B	ESE	SE	SSE	s	SSW	SW	WSW	*	MNM	*N	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

WHITING FIELD, FLORIDA

JAN 1973-DEC 1977

APRIL

WEATHER	82.9	1.1	71.4	1.65	56.0	66.7	41.0	*0.	57.2	43.6	73.7	50.0	73.3	85.4	16.9	82.9		No.	751	62.6
BLOWING SAND AND DUST								-										X	-	1.
BLOWING																		X		
SMOKE	5.7	6.9	10.7	9.1	26.0	24.4	44.9	40.4	32.1	4.1.4	13.4	30.0	8.9	7.3	15.4	2.6		N X	267	22.3
ICE FOG GROUND FOG	5.7	4.2	10.7	4.5	0.9	4.4	3.8	3.2	2.5	3.1	2.6	2.0	8.9	2.4	3.8	2.6		No.	\$	5.5
500	6.7	12.3	7.1	13.6	16.0	6.7	14.1	12.8	7.5	1.1		10.0	2.2	7.3	1.9	4.9		200	129	10.8
THUNDER	1.0		10.7		2.0	2.2	1.3	1:1	9.	2.6			2.2	2.4	1.9	1.3		X	80	1.5
HAIL SMALL HAIL																		X		
GRAINS GRAINS PELLETS SHOWERS																		X		
SLEET " SHOWERS ICE CRYSTALS																		X		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE								1.1								2.6		X	4	.3
RAIN	3.8	2.1	7.1	22.7	8		2.6	4.3	2.5	5.1	7.9	10.0	4.4	2.4	1.9	5.3		Ž	4	4.0
MAIN		4.2	3.6	4.5	2.0	6.8	2.5	3.2		1.3					1.9			X	-	1.3
WIND	z	NNE	NE NE	ENE	a a	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	WN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

MAY JAN 1973-DEC 1977 WHITING FIELDS FLORIDA 93841 STATION

ALL HOURS (L.S.T.)

0 2	WEATHER	62,0	1.99	9.09	58.5	20,5	50.3	41.3	54.5	57.8	52.9	43.8	48.1	39.1	50.0	41.7	0.29	4	X	632	51.0
SAND	DUST																		$\bigvee$		
BLOWING	SNOW																		$\mathbb{N}$		
SMOKE	HAZE	21.2	52.5	2112	0.22	30.4	34.4	37.0	30.4	33 . 3	586	21.5	38.9	32.8	24.0	38.9	36.6		X	425	34.3
ICE FOG GROUND	FOG	2.2	7.8	6.1	7.3	4.3	12.5	13.0	2.5	3.4	4.8	4.5	9.6		12.0	2.8	1.04		7	92	1.0
F0G		12.0	2:0	12.1	19.5	79.5	6.9	13.0	6.9	9 . 4	3.8	4.5	11.1	13.0		80	2.8		N. C.	136	0.11
THUNDER		6.9			2.4	4	6.3	6.3	3.0	2.7	2.0	0.8		6.9	0.8	e N			X	36	2.9
HAIL	HAIL																		$\bigvee$		
GRAINS " PELLETS	SHOWERS																		M		
	CRYSTALS																		M		
FREEZING RAIN FREEZING	DRIZZLE																		$\bigvee$		
DRIZZLE														3.4					$\bigvee$	N	. 2
Z	SHOWERS	4.3		3.0	6.4	0		8	6.9	2.0	5.8	4.5	6.0	0	0	5.6			X	40	4.4
RAIN			2.0	6.1	6	4.3				2.7	5.9								M	16	1.3
WIND	DIRECTION	z	NNE	NE	ENE	W	ESE	SE	SSE	5	SSW	SW	WSW	*	MNM	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

2

NOC	MONTH
JAN 1973-DEC 1977	YEARS
WHITING FIELD, FLORIDA	STATION NAME
93841 WHIT	STATION

ALL HOURS (L.S.T.)

NO	50.0	38.5	53.8	57.1	41.5	53.3	77.4	64.9	72.9	54.7	43.2	46.9	41.6	37.0	45.9	53.4			628	52.4
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	30.7	38.5	25.6	26.5	28.3	16.7	6.5	24.3	18.6	39.5	6.05	39.1	39.0	48.1	43.2	37.9			370	30.9
ICE FOG GROUND FOG	11.4	7.7	17.9	6.1	17.0	3.3	3.5	2.7	1.07	1.2	4.5	4.7	5.5	3.1	10.8	5.2		*	116	6.1
500	2.9	7.7	5.6	8 . 2	11.3	23.3	3.5	2.7		3.5	7 . 6	6.3	9.1	7.4	2.7	5.2		7	7.3	6.1
THUNDER	5.6	7.7		4.1	7.5	10.0	3.2	2.7	8.8	1.2		6.3	9.1	7.4	5.4	5.2		X	47	3.9
HAIL																		M		
SNOW "GRAINS "PELLETS "SHOWERS																		M		
SLEET "SHOWERS ICE CRYSTALS	Sale in the sale i																	$\bigvee$		
FREEZING RAIN FREEZING	- Constitution																	$\bigvee$		
DRIZZLE																		$\bigvee$		
RAIN	2	7.7		4.1	3.7	6.7	6.5	3.4	5	2.3		6.3		3	5.4	6.9		X C	367	4
RAIN				2.0		665				1.2		1.6						X	•	30
WIND	z	NNE	NE.	ENE	B	ESE	SE	SSE	5	SSW	NS.	wsw	*	*××	MZ	NN N	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,199

NAVWEASERVCOM

500

្ត

93841	WHITING FIELD, FLORIDA	JAN 1973-DEC 1977	1064	ALL
STATION		YEARS	MONTH	HOURS (L.S.T.)

NO	30.9	39.5	34.2	33.3	49.1	26.1	38.5	25.7	39.1	55.7	44.3	27,6	23.4	45.3	40.0	38.5			***	35.7
SAND SAND AND DUST																		M		
BLOWING																		$\bigvee$		
SMOKE	58.0	1000	41.4	47.6	34.0	39.1	7.95	37.1	47.1	34.4	45.9	0469	37.4	39.6	20.0	53.8		*	598	48.3
GE FOG GROUND FOG	1111	10.5	13.2	6.5	9.6	8.7	1.1	5.9	3.4		5.9	13.7	13.8	4.6	0.0	2.6			152	12.3
50	7.4	3.3	4.4	9.4	4.6	41.1	11.5	14.3	3.5	1.0	6.3	7 . 9	9.4	11.3	2.0	100		1	80	101
THUNDER	4.0	6.4	2.6	4.00	7.5	13.0	15.4	14.3	11.5	6.9	11.4	1.4	10.6	5.7	0.4	9.9		X	16	1.9
HAIL SMALL HAIL																		M		
SNOW GRAINS PELLETS SHOWERS																		$\bigvee$		
SLEET SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE																		$\bigvee$		
SHOWERS	2.5	2.6	7.9		7.5	13.0	11.5	14.3	5.7	4.9	8.6	5.5	80	3	2.0	4.6		V V	62	5.0
NAN		2.6		4		17.4	7.7	1.1	5.7	3.3	4.3	1.4	2.1					$\bigvee$	27	2.2
WIND	z	NNE	NE	ENE	w	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	NZ.	MNN	VARIABLE	CALM	TOTAL	\$ TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,239

2

ALL	HOURS (L.S.T.)
AUGUST	NONTH
JAN 1973-DEC 1977	YEARS
WHITING FIELD, FLORIDA	STATION NAME
93841	STATION

NO WEATHER	33.0	37.3	47.0	50.0	6.44	4.40	47.8	30.0	65.2	63.0	29.0	41.9	48.9	45.3	36.4	35.5		727	543	43.8
SAND SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	50.5	32.2	39.4	25.8	25.2	24.4	34.8	42.5	22.5	19.6	28.2	22.6	34.0	45.5	57.6	51.6		Y	437	35.2
GROUND POG	11.9	23.7	7.6	9.7	11.2	17.8	2.2	2.5	3.4	2.2	5.1	3.2	2.1	4.3	1.9	11.3		2	161	13.0
50	12.8	10.2	15.2	11,3	16.8	4.4	6.5	5.0	2.2	8.7	10.3	70.61	8.5	4.5	3.0	6.9		7	132	10.0
THUNDER	3.7	5.1	1.5		10.3	*.*	6.5	30.0	11,2	6.5	10,3	4.5	0.00		3.0	4.08		X	73	3.0
HAIL																		M		
SNOW GRAINS PELETS SHOWERS																		M		
SLEET SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\mathbb{N}$		
312280					6.													X	2	2.
RAIN	1.8		3.0	5.5	6.3		10.9	22.5	7.9	4.3	7.7	9.7	6.4			3.2		7.2	65	4.8
NIAS		1.7			4.7	4.4	4.3	2.5	2.2	2,2		4.4	2.1	4.5				X	56	2.1
WIND	z	BNN	NE	ENE	B	ESE	SE	SSE	S	SSW	SW	WSW	*	MNM	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

(..5.7.)

# PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

	ALL	HOURS (L
	SEPTEMBER	MONTH
VS. WEATHER CONDITIONS	JAN 1973-DEC 1977	YEARS
	WHITING FIELD, FLORIDA	STATION NAME
	93841	STATION

NO	43.9	65.5	40.4	50.5	7.95	45.7	57.6	63.0	63,3	56.1	36.0	34,5	33,3	44.8	50.3	43.7		Y	558	40.5
SAND SAND AND OUST																		$\bigvee$		
SNOW																		M		
SMOKE	40.5	32.1	36.5	31.2	1962	52.9	18.2	14.8	0 0 0 7	69.3	0.85	44.8	0.64	1 . 4 2	25.6	2065		2	387	32.3
OROUND FOG	11.6	10.7	10.6	6.4	3.1	5.7		3.1	9.0	1.3	8.0	17.2	10.0	6.9	10.5	12.3		No.	114	6.6
50	8.3	3.6	,	13.8	20.0	8.0	15.2	14.0	3.3	6.1	15.0	13.8	15.0	17.2	18.4	7.9		X	134	12.6
THUNDER	1.2	9.0	3.5	1.8	3.4	20.0	3,0	3.7	1.		16.0		3.3	3.4	2.6				37	3.1
HAIL																		M		
SNOW GRAINS PELLETS SHOWERS																		M		
SLEET SHOWERS ICE																		M		
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE				0.										3.4				M	~	2.
RAIN	1.2	3.6	3.9	2.8	7.7	17.1	3.0	11.1	10.01	7.3	16.0	3.4	3.3	6.9	2.6	3.7		X	8	4.4
NAS	7.3	100	1.2	3.5	7.7	5.9	6.1		1.7	2.4			2.0		2.6	1.2		Ž X	43	3.6
WIND	z	NNE	NE	ENE	W	ESE	SE	SSE	5	SSW	SW	WSW	*	MNM	MN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

2

TOTAL NUMBER OF OBSERVATIONS

1,200

NAVWEASERVCOM

2

PII

# PERCENTAGE FREQUENCY OF WIND DIRECTION

0 a nor	DCTUBER ALL	
MINOM	OCTUBE	
YEARS	101 1977	SNO
	JAN 1973-DEC 1977	VS. WEATHER CONDITIONS
	3	VS. WEAT
TION NAME	LOS FLORIDA	
STAT	WHITING FIELDS	
STATION	93841	

NO	69.7	75.5	70.1	75.4	52.7	34.0	56.3	80.8	13.0	65.5	55.6	58.3	60.09	13.9	69.2	100			824	66.5
SAND SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	17.6	15.1	17.2	14.8	50.0	42.6	34.4	7.7	16.2	12.5	25.2	33.3	24.0	21.7	15.4	15.3		No.	234	18.9
GE FOG GOUND FOG TO	7.2	3.8	4.6	6.4	13.2	19.1			2.7	8.3			9.0	4.3	1.1	5.6		V X	91	7.3
8	10.9	3.7	10.3	8.2	13.4	14.9	3.6		3.6	8.3	25.2	12.5	0.4	6.3	1.1	0.6		· ·	130	10.5
THUNDER	.5					2.1						4.2			2.6	••			•	6.
HAIL SMALL HAIL																		X		
SNOW CRAINS PELLETS SHOWERS																		$\bigvee$		
SLEET SHOWERS ICE CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZLE																		$\bigvee$		
RAIN	. 5			1.6	1.1	2.1		7.7		4.2		4.2			7.7			X		1.0
N N	1.4	2.00	3.4		6.6		6.3	9	10	12.5	111.1	4.2	0.4			2.1		\ \\	40	3.0
WIND	z	NNE	NE.	ENE	w	ESE	SE	SSE	s	SSW	NS.	WSW	*	WNW	*N	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

ALL HOURS (L.S.T.)	
NOVEMBER	
JAN 1973-DEC 1977	
STATION WHITING FIELDS FLORIDA	
93841 STATION	

WEATHER	76.3	17.3	62.5	11.0	1.69	67.1	58.1	0009	65.5	85.8	61.5	55.6	***	65.6	2.29	11.8		X	808	67.1
SAND SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	3.6	6.7	6.9	1100	3.2	13.7	17.7	7.81	13.9			25.22	*	9.6	200	100		X	101	6.8
ICE FOG GROUND FOG	0.4	6.7	6.3	2.9	5.3	8.2	4.6	10.9	6.9			11.1	1.0	6.0	2.2	2.5		X	*	7.0
505	1001	0.4	9.07	11.4	65.33	12.3	12.9	10.9	13.9	6.9	30.0	4202	33.3	4.6	000	6.6			185	13.4
THUNDER		1.3		5.9			1.6			3.6	1.1		3.7	6.9	8.5	1.2		M	12	0.1
HAIL SMALL HAIL																		X		
SNOW GRAINS PELLETS SHOWESS				-														M		
SLEET SHOWERS CRYSTALS																		M		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE	2.8			5.5	1.1				1.4									X	0	ec.
SHOWERS	1.7	1.3		2.9	2.1	1.0	3.2	3.6	4.2	6.9	15.4		11:1	4.6	2.2	1.2		M	27	2.3
Z Z	0.4	5.3	10.4		7.4	5.5	6.5	3.6	4.2	3.4			14.3	0.3	2.2	6.2		7	61	5.1
WIND	z	NNE	NE NE	ENE	ш	ESE	SE	SSE	s	SSW	SW	WSW	*	WNW	N.W.	NNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,200

WHITING FIELD

DECEMBER	MONTH	
JAN 1973-DEC 197		
D. FLURIDA		

NO	80.4	68.4	72.2	65.0	78.2	68.5	57.8	63.6	59.1	2.94	44.8	9.09	72.0	71.4	1 68	87.3			905	72.7
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	2.9	15.8	13.9	15.0	7.7	8 . 0	12.5	1501	6.5	12.8	24.1	18.2	18.0	12.5	203	9 . 0		X	102	8.2
ICE FOG GROUND FOG	2.2	10.5			1.3	2.7	4.6	9.1	6.5	20.5	6.9	6.1	10.0	5.4	3.4	2.5		V	62	2.0
504	15,9	10.5	1101	8.0	10.3	70.67	56.0	12.1	50.4	25.0	20.7	78.2	2.0	8.9	9.4	4 . 2		N N	103	13.1
THUNDER							3.1	3.0	1:1	2.6								M	~	••
HAIL SMALL HAIL																		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS																		$\bigvee$		
SLEET " SHOWERS ICE CRYSTALS																		$\bigvee$		
FREEZING RAIN FREEZING DRIZZLE																		$\bigvee$		
DRIZZLE	7.										3.4			1.8		. 38		X	•	5
RAIN							6.3		2.2	5.1	6.9		2.0			1.7		$\bigvee$	16	1.3
RAIN	5.8	5.3	60	10.0	12.8	13.7	4.6	6	14.0	2.6				60	3.4			X	74	0.0
WIND	z	NNR	ZE	ENE	W	ESE	SE	SSE	s	SSW	SW	WSW	*	MVM	WN	ANN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

1,240

NO	61.7	63.7	56.5	58.1	54.8	54.7	47.5	48.	1005	51,07	48,6	44.3	40.3	2.40	09.1	66.3		X	9609	55.4
BLOWING SAND AND DUST								2.										$\bigvee$	-	0.
BLOWING																		$\bigvee$		
SMOKE	25.2	19.3	23.1	5522	18.8	20.8	27.1	1 62	6.02	30.0	1026	1006	30.9	8 0 0 2	1.22	8 . 22			3616	24.0
ICE FOG GROUND FOG	6.9	8.0	8.3	7.0	8.3	9.1	8.9	2.4	2.6	2.1	9.6	8.9	4.0	5.3	5.5	5.5		X	1263	8.0
507	9.0	9.0	11.8	100	19.1	13.9	17.0	1301	0 . 6	10.0	0.01	1104	6.6	4.4	2.5	2.0		2	1719	0 117
THUNDER	1.0	1.1	1.6	2.6	3.6	3.9	2.6	109	3.1	5.9	4.7	2.9	5.3	3.7	7.7	1.3		N N	356	2.4
HAIL SMALL HAIL																		M		
GRAINS " PELLETS " SHOWERS		en.	~													7.		$\bigvee$	an.	0.
SLEET SLEET SHOWERS ICE CRYSTALS			4.	. 2														M	80	0.
FREEZING RAIN FREEZING DRIZZLE																		M		
DRIZZLE	1.2			4.		1.1	0	1.2	*	*.	.2			.5		*		X	16	0.
RAIN	2.0	1.7	2.8	4.0			4.5	7.3	4.2	3.3	6.9	6.9	5.9	3.9	3.1	2.0		X	808	3.5
RAIN	3.4	5.5	4.6	0.9	6.9	8.0	4.7	3.0	9.0	5.9	1.00	1.3	2.3	1.2	1.4	1.5		Ž V	479	3.3
WIND	z	NNE	Ä	ENE	W	ESE	SE	SSE	s	SSW	SW	WSW	*	ANA	NN	MNN	VARIABLE	CALM	TOTAL	% TOTAL

TOTAL NUMBER OF OBSERVATIONS

14,606

#### 8 PART

# PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL\*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and and ennually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual may be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. ö

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Snow depth at 1230 GCT Snow depth at 1200 GCT Snow depth at 0800 LST From beginning of record thru 1945 Jun 57-present Jan 46-May 57 Air Force Stations

Jun 57-present

U. S. Navy and Weather

Bureau Stations

Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT From beginning of record thru Jun 52

\* Hall was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

### DAILY AMOUNTS

. 6

PERCENTAGE FREQUENCY OF PREC 1P 1TATION (FROM DAILY OBSERVATIONS)

WHITING FIELD, FLORIDA

45-77

YEARS

NTS		18457		1.07	. 43	.52	1.27	.05	1.77	2.35		1.29	ACE	.05	1.05	X
T AMOU	(INCHES)	79647647			9.82	.89		8.82			.63		.541	*8.		X
MONTHLY AMOUNTS	Z	NAST		4.4612.37	4.30 9	5.7623.89	4.4112.65	8 80.4	6.5813.82	7.2817.85	6.1914.65	6.5482.15	2.9010.54FRACE	3.4811.84	4.7113.09	69-
	NO.	085		868	932 4	868 5	930	961 4	9 006	837 7	961 6	960	899 2	960 3	961 4	\$103760.69
PERCENT		MEASUR.	AMTS	32.3	31.9	32.4	23.0	25.1	38.7	50.2	43.4	33.2	18.5	25.0	33.2	3 2.28
	VER 20.00	OVER 50.4	OVER 120													
	0 00.02-10.	25.5.50.4	61.120						.1							•
	2.51-5.00 5.01-10.00 10.01-30.00 OVER 20.00 OF DAYS	15.5.25.4 2	49.60			6			.1	.2		9.				•
	5 00.5.18.0	10.5.15.4	37.48	9.	. 5		1.2	.3	6.	*.	.7	6.	.2	. 5		1
	1.01-2.50	6.5.10.4	25.36	3.1	4.1	3.8	3.8	3.9	5.3	5.4	4.3	4.8	6.2	2.7	0.4	
HES)	1 00.1.18	4.5.6.4	13.24	6.9	5.0	4.1	5.4	4.8	4.0	9.4	8.2	5.8	3.0	4.3	6.8	4
AMOUNTS (INCHES)	2650	3.5.4.4	7.12	4.3	5.3	4.7	3.4	9.0	7.2	8.7	9.8	5.8	3.0	4.7	4.7	7 3
AMO	.1125	2.5.3.4 3	9-7	6.2	2.9	4.6	2.8	4.6	9.8	1.6	6.7	5.7	1.8	4.0	4.5	7 8
	0190	1.5.2.4	9	3.3	4.1	2.4	1.7	2.0	3.6	6.5	4.1	2.7	1.4	5.6	4.6	
	.0203	0.5-1.4	2	5.9	4.6	5.3	3.1	3.9	4.9	7.3	6.3	5.3	4.6	4.4		•
	6.	0.1.0.4	-	2.1	2.0	3.7	1.6	.7	1.6	3.2	3.2	1.5	1.6	1.9	3.0	
	TRACE	TRACE	TRACE	12.7	11.2	9.6	0.6	9.8	10.8	13.9	14.4	10.8	7.2	3.6	10.0	
	NON	NON	NONE	1.66	97.0	87.8	68.0	65.5	90.06	36.0	42.2	95.9	74.3	65.8	8.96	
	PRECIP.	SNOWFALL	SNOW.	NAL	18	MAR	APR	MAY	NOT	ını	AUG	SEP	000	YON	DEC	

-

-

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

WHITING FIELDS FLORIDA

NO

45-77

YEARS

						AM	AMOUNTS (INCHES)	ACHES)						TABORS		MOM	MONTHLY AMOUNTS	STAC
PRECIP.	NON	TRACE	5	.0205	0190.	.1125	2650	.51.1.00	1.01.2.50	2.51.5.00	\$.01.10.00		10.01.20.00 OVER 20.00 OF DAYS	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1.0.4	0.5.1.4	1.5.2.4	2.5.3.4	3.5.4.4	4.5.6.4	4.5.10.4	10.5.15.4	15.5.25.4		25.5-50.4 OVER 30.4	MEASUR.	9 0	74.57	20647867	1949
SNOW	NON	TRACE	-	7	•	4.6	7.12	13.24	25.36	37.48	49.90	61.120	OVER 120	AMTS				
NAL	98.4	1.2	2.			•								•	837	.1	3.5	
	99.1			-:	.1									.2	847	.1	2.0	
MAR	98.6	.3				.1									889	.1	2.5	
APR	100.0														006	•	0.	
MAY	100.0														930	0.	•	0.
N	100.0														930	0.	0.	
101	100.0														837	0.	0.	
0	0.001 DUA														196	0.	•	
8	100.0														096	•	0.	
100	100.0														888	0.	•	
>	NOV 100.0														910	0.	0.	0.
DEC	9.66	4.													899	BOOTRACETRACE	FRACE	
14	ANNUAL 99.7	.2	0.	0.	0.	0.								.1	.1 10709	.3	X	X

### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STATION WHITING FIELD, FLORIDA

\* W \*

49-77

YEARS

UNTS		544														X
MONTHLY AMOUNTS	(INCHES)															X
MOM		***														
	NO	0 0		277	191	837	840	669	870	775	899	870	808	780	837	9979
PERCENT	OF DAYS	MEASUR.	AMTS	•1	.3											0.
	2.51-5.00 5.01-10.00 10.01-20.00 OVER 20.00 OF DAYS	OVER 30.4	OVER 120													
	0.01.20.00	25.5.50.4 OVER 30.4	61.120													
	8.01.10.00	15.5.25.4	49.60													
	2.51-5.00	10.5-15.4	37.48													
	1.01.2.50	6.5.10.4	25.36													
CHES	51.1.00	4.5.6.4	13.24										1			
AMOUNTS (INCHES)	26. 50	3.5.4.4	7.12												1	
AMO	л25	2534	97													
	0190	1.524	•													
	.02.03	0.5.1.4	2													0.
	ю.	0.1.0.4	-	1.	.1											0
	TACE	TRACE	TRACE		4	.1										0
	NONE	NON	MOM	6.66	7.66	6.66	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.00
	PRECIP.	SHOWFALL	SNOW	NAL	2	MAR	1 1	MAY 1	NOT NOT	101	T DOY	SEP 1	1 50	NOV 1	DEC 1	ANNUAL 100.0

FROM DALLY DESERVATIONS

45-77

WHITING FIELD, FLURIDA STATION NAME

93841 STATION

40

Q

0

\* 60 °

YEARS

24 HOUR AMOUNTS IN INCHES

2.82 2.38 2.73 1.20 1.61 1.57 3.16 4.32 8.22 1.84 3.58 1.35	MONTH	JAN.	FB.	MAR.	APR.	MAY	NON	JUL.	AUG.	SEP.	OCT.	NON	DEC	MONTHS
2.82 2.38 2.73 1.20 1.61 1.57 3.16 4.32 8.22 1.84 3.58 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.30	6.9			04.	1		3	00	-	1.54		. 58	1.15	
2.39 2.95 6.26 1.63 1.57 3.16 4.32 8.22 1.84 3.58 1.36 3.09 3.09 3.09 3.09 3.09 3.09 3.09 3.09	94				2	9.						1.62		
1.06 .47  1.06 .30 1.62 3.40 .76 .76 2.60 2.85 2.99 .89 1.09 2.05 2.61 1.06 .30 1.62 3.40 .79 1.52 3.29 1.65 2.93 2.95 1.70 2.60 2.85 2.99 .89 1.09 2.02 2.03 1.62 1.59 1.63 1.52 3.29 1.65 1.65 1.65 1.65 1.65 1.65 1.65 1.65	4.1	.3					1.57	3.16			1.84	3.58		
1.06 .86 2.65 3.40 .76 .76 .76 .85 2.09 .89 1.09 2.05 2.65 1.70 1.06 .80 1.62 2.72 .93 .70 1.62 1.00 1.44 .89 1.05 2.07 .80 1.09 2.05 .80 1.00 1.45 1.22 1.24 4.02 2.07 .81 1.80 1.80 1.80 1.15 1.24 4.02 2.07 .81 1.80 1.80 1.80 1.15 1.24 4.02 2.07 .81 1.80 1.80 1.80 1.15 1.24 4.02 2.07 .81 1.80 1.80 1.80 1.80 1.80 1.80 1.80	63	0							-:	•		4.20		
1.06	64		.86	2.65	3	-				.74		. 55		
1.00 1.44 3.92 1.35 1.52 3.29 1.86 .62 3.37 .24 1.38 1.26 3.94 1.53 1.53 1.63 1.63 1.52 1.54 4.02 2.07 2.07 2.23 2.33 2.33 3.14 1.01 1.60 1.40 1.40 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.41 1.62 3.42 1.64 1.72 3.42 1.66 1.75 1.78 3.3 1.74 8.7 1.62 1.64 1.74 1.87 4.13 1.94 1.72 1.74 1.87 4.13 1.94 1.72 1.74 1.87 1.87 1.87 1.87 1.87 1.87 1.87 1.87	20		.30	1.62		1	.70		2.85		. 8	1.09		2.8
1.56 1.59 1.63 1.69 1.19 1.24 4.02 2.07	16			3.92		i	7		.62		52.	1.38		3.9
1.18 2.33 2.33 3.14 1.01 1.40 1.20 3.41 .63 2.23 2.22 1.39 1.23 1.23 1.60 1.10 .45 1.39 1.90 .58 1.8 .62 .80 1.30 1.30 1.30 1.30 1.30 1.30 1.30 1.3	52			1.63	0	00	7		4.02			.93		
1.86 1.82 .42 1.11 1.94 .59 1.93 1.98 .57 1.31 .16 .45 1.99 1.80 1.80 .57 1.31 .16 .45 1.99 1.99 1.99 1.99 1.99 1.99 1.99 1.9	53			2.33	7	0	5.	1	1.20		.63			
1.30 1.82 .42 1.11 1.94 .59 1.93 1.96 .57 1.31 .16 .45 1.97 1.05 1.66 .72 .93 1.66 .75 .92 3.31 .66 .02 .02 1.66 .07 .92 1.66 .75 .92 3.31 .66 .02 .02 1.66 .02 .93 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 .03 1.06 1.08 1.09 1.09 1.00 1.00 1.00 1.00 1.00 1.00	54					00		2.00	•	. 58	.18	.62	. 80	
2.75 1.37 1.36 .72 .93 1.66 .75 .92 3.31 .66 .02  1.66 1.56 1.62 1.60 1.14 .89 1.75 1.02  3.40 1.56 2.60 1.98 2.04 1.96 1.75 1.96 .37 1.02 5.4  3.40 1.56 3.07 2.97 3.12 1.95 1.90 2.29 1.60 78ACE 1.31 3.01 6.6  2.45 1.41 .43 3.22 1.95 1.90 2.29 1.60 78ACE 1.31 3.01 6.6  2.59 1.41 .43 3.22 1.92 1.70 1.40 1.88 1.80 .87 1.30 1.28 3.3  2.59 1.61 1.63 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.56 .71 1.01 1.03 3.3  3.50 1.60 1.50 1.60 1.50 1.44 .59 1.27 3.54 4.69 .95 3.11 4.60  3.50 1.64 2.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.56 .95 1.40 3.7  3.50 1.60 1.50 1.60 1.50 1.44 .59 1.67 2.70 .98 .52 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.05	55			4.	-			1.93	-	.57	1:31	.16	.45	
1.66 1.10 1.62 1.60 1.14 .89 1.75 1.02 .87 1.02 .60 1.55 2.60 1.98 2.04 1.04 1.84 5.40 1.25 1.74 .87 1.02 3.59 1.56 3.07 2.97 3.12 1.98 1.92 2.89 3.29 4.03 1.24 3.01 6.6 1.31 1.93 3.33 2.72 .03 1.76 1.90 2.89 3.29 4.03 1.24 3.01 6.6 1.31 3.01 2.77 1.28 1.94 1.33 3.22 .93 1.76 1.40 2.39 .57 1.31 1.93 3.32 2.72 1.31 1.76 1.01 2.77 1.28 1.99 1.22 1.97 1.27 1.70 1.60 1.58 1.65 1.80 .71 1.07 1.70 1.60 1.58 1.69 1.87 2.77 1.82 1.89 1.80 .90 1.31 1.54 2.72 1.37 2.72 1.87 1.82 1.89 1.80 .82 1.90 1.31 1.54 2.59 1.87 3.46 3.73 2.45 1.65 1.56 1.65 1.56 1.65 1.80 3.11 4.00 1.00 2.49 3.11 4.00 1.05 1.84 2.59 1.67 2.77 1.82 1.89 1.67 2.77 1.82 1.89 1.67 2.77 1.82 1.89 1.67 2.77 1.82 1.89 1.67 2.69 1.79 1.70 2.49 2.17 1.47 3.67 3.0 1.70 1.70 1.80 1.70 1.71 1.74 1.74 1.74 1.74 1.75 1.75 1.75 1.80 1.70 2.70 2.70 2.70 2.70 2.70 1.70 1.70 1.70 1.70 1.70 1.70 1.70 1	96	2.73				6.		. 75	•		99.	.02		
1.86 1.55 2.60 1.98 2.04 1.04 1.84 5.40 1.96 .37 1.02 5.4 3.40 1.56 3.07 2.97 3.12 1.95 1.92 2.89 3.29 4.03 1.24 .96 1.31 3.93 3.33 2.72 .93 1.20 .87 6.53 1.90 2.29 1.80 1.80 1.80 6.6 1.31 3.93 3.33 2.72 .93 1.76 1.90 2.29 1.80 1.80 1.80 1.80 1.30 6.6 2.45 1.41 .43 3.22 .93 1.76 1.40 2.39 .57 1.35 1.26 3.58 3.5 1.28 1.99 1.22 1.19 2.09 1.26 .88 2.09 1.31 1.54 2.72 1.37 2.7 1.28 1.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7 1.82 1.84 2.59 .67 2.37 10.75 .96 1.80 .98 1.00 2.49 .95 3.11 1.07 1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 1.26 3.02 1.40 1.22 1.39 1.10 .92 2.17 2.32 .70 .70 .82 3.0	22				-	9.		1.14			1.02			
1.86 1.50 1.55 2.60 1.98 2.04 1.04 1.84 5.40 1.96 .37 1.02 3.40 1.56 3.07 2.97 3.12 1.95 1.82 2.89 3.29 4.03 1.24 .96 4.0 4.0 1.56 3.07 2.97 3.12 1.95 1.82 2.89 3.29 4.03 1.24 .96 4.0 1.31 1.93 3.33 2.72 .03 1.79 1.40 1.58 1.89 .82 1.10 1.03 3.3 2.45 1.41 .43 3.22 2.7 1.40 1.58 1.89 .82 1.10 1.03 3.3 2.59 1.24 2.21 1.70 1.40 2.39 1.27 1.35 1.24 2.27 1.70 1.82 1.89 1.22 1.19 2.09 1.24 2.21 1.40 2.39 1.27 1.27 3.54 4.69 .95 3.11 4.0 1.9 1.25 1.89 1.55 .75 1.97 2.45 1.89 1.25 1.89 1.57 2.45 1.99 1.79 2.17 1.40 3.12 2.12 3.1 1.76 1.05 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.05 1.56 1.65 1.65 1.65 1.87 3.01 1.9 1.75 1.65 1.65 1.87 3.01 1.75 1.40 3.12 2.12 3.10 1.76 1.75 1.75 1.75 1.75 1.75 1.75 1.75 1.75	30				-	8	-	1.96	-		. 39			
3.40 1.56 3.07 2.97 3.12 1.95 1.82 2.89 3.29 4.03 1.24 .96 4.0 1.31 1.93 3.33 2.72 .03 1.79 1.40 1.58 1.60 TRACE 1.31 3.01 6.6 2.45 1.41 .43 .80 1.18 2.71 1.79 1.60 1.88 1.69 .82 1.10 1.03 3.3 2.59 1.34 1.33 3.22 .93 1.76 1.40 2.39 .87 1.37 1.76 1.01 2.59 1.28 1.99 1.22 1.19 2.09 1.76 2.09 1.31 1.54 2.72 1.37 2.7 3.6 1.44 2.59 .67 2.53 3.46 3.73 2.45 1.65 1.56 .52 1.40 3.73 2.45 1.05 1.27 3.54 4.69 .95 3.11 4.60 1.70 1.70 1.70 1.70 3.12 2.12 3.10 1.70 1.25 1.70 1.71 3.30 2.29 2.29 2.42 .58 2.10 1.47 2.24 1.33 1.65 1.65 1.47 3.67 3.67 3.00 1.70 3.02 1.40 3.12 2.12 3.10 1.70 3.02 1.40 1.22 1.39 1.10 .92 2.17 2.32 .70 .70 .82 3.0	53	80		.5	9	6.	0	1.04	7		1.96		0	3.
2.45 1.93 1.10 .87 6.63 1.90 2.29 1.60 TRACE 1.31 3.01 6.6 1.31 1.93 3.32 2.72 .03 1.79 1.40 1.88 1.69 .82 1.10 1.03 3.3 2.45 1.41 .43 3.22 .93 1.76 1.40 2.39 .87 1.35 1.26 3.58 3.3 1.28 1.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7 2.8 1.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7 2.6 1.44 2.59 2.53 3.46 3.73 2.45 1.65 1.56 .52 1.40 3.7 2.6 1.44 2.59 1.60 1.74 2.59 1.99 1.99 1.05 1.59 1.59 1.50 3.1 2.6 1.44 2.59 1.40 .78 2.65 1.99 1.79 2.17 1.40 3.12 2.12 3.1 2.7 1.82 1.93 1.7 1.3 30 2.29 2.45 1.65 .58 2.10 1.47 3.67 3.60 1.74 1.40 1.22 1.39 1.10 2.24 1.33 1.65 .58 2.10 1.47 3.67 3.60 1.74 1.40 1.22 1.39 1.10 2.24 1.33 1.65 .58 2.10 1.47 3.67 3.0	00	4		0		-		1.82	2.		4.03	.2	6.	0
1.31 1.93 3.33 2.72 .03 1.79 1.40 1.58 1.89 .82 1.10 1.03 3.3 2.45 1.41 .43 .80 1.18 2.71 1.73 1.67 2.77 .07 1.76 1.01 2.7 2.59 1.34 1.33 3.22 .93 1.76 1.40 2.39 .57 1.35 1.28 3.58 3.58 1.28 1.94 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7 1.28 1.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7 1.50 1.60 1.50 1.44 2.59 .96 1.14 .98 .52 .70 .94 1.99 1.05 1.68 1.00 2.49 .95 3.11 4.00 3.77 1.82 1.40 3.73 2.45 1.65 1.56 .92 1.40 3.73 1.40 3	19	-		6.	-		9	1.90	~		TRACE		0	9.
2.59 1.41 .43 .80 1.18 2.71 1.73 1.67 2.77 .07 1.76 1.01 2.7 2.59 1.34 1.33 3.22 .93 1.76 1.40 2.39 .57 1.35 1.26 3.58 3.5 3.5 5.59 1.34 1.35 1.22 1.19 2.09 1.24 2.21 .72 2.69 5.29 1.80 .71 1.07 2.7 3.54 4.69 .95 3.11 1.07 2.7 3.54 4.69 .95 3.11 4.6 1.99 1.22 1.19 2.09 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.65 1.56 .62 1.40 3.7 2.7 1.82 1.83 .67 2.37 10.75 .88 1.00 2.49 .25 1.05 1.40 3.7 2.17 1.40 2.17 1.40 3.12 2.12 3.1 1.74 1.46 1.59 1.47 2.24 1.39 1.49 2.42 .58 2.10 1.47 3.67 3.6 1.7 1.74 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .76 .70 .82 3.0	62					0.	۲.	1.40	-	•	.82	-:	•	•
2.59 1.34 1.33 3.22 .93 1.76 1.40 2.39 .57 1.35 1.26 3.58 3.58 3.55 2.89 .76 .76 .49 1.24 2.21 .72 2.69 5.29 1.80 .71 1.07 2.7 2.89 2.41 2.09 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7 2.7 3.54 4.69 .95 3.11 4.0 .98 2.41 2.09 1.60 1.50 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.56 .62 1.40 3.7 2.7 1.82 1.83 .67 2.37 10.75 .88 1.00 2.49 .25 1.05 1.40 3.7 1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.1 1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .56 .87 2.17 2.32 .76 .70 .82 2.17 3.67 3.05 1.26 3.02 1.46 1.25 1.12 1.47 2.24 1.33 1.65 .56 .76 .70 .82 2.17 3.67 3.00 1.26 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 2.17 3.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00	63	4.		4.		-		1.73	-		.01			
1.28 1.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7  .98 2.41 2.09 1.60 1.50 1.44 .59 1.27 3.54 4.69 .95 3.11 4.6  .52 .82 .74 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.56 .62 1.40 3.7  .77 1.82 1.83 .67 2.37 10.75 .88 1.00 2.49 .25 1.05 3.1  1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.1  1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .58 2.10 1.47 3.67 3.6  1.74 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.0	10	ď	·.		.2	0		1.40	~		1.35	.2		S
1.28 1.99 1.22 1.19 2.09 1.58 .88 2.09 1.31 1.54 2.72 1.37 2.7  .98 2.41 2.09 1.60 1.50 1.44 .59 1.27 3.54 4.69 .95 3.11 4.6  .52 .82 .74 .52 .74 1.99 .96 1.14 .98 .52 .70 .94 1.9  .54 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.56 .62 1.40 3.7  .77 1.82 1.83 .67 2.37 10.75 .88 1.00 2.49 .25 1.05  1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.1  1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .56 .87 2.17 3.67 3.61  1.20 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.0	65				4.	.2	3	.72	~		1.80			
.98 2.41 2.09 1.60 1.50 1.44 .59 1.27 3.54 4.69 .95 3.11 4.6 .52 .82 .74 .52 .74 1.99 .96 1.14 .98 .52 .70 .94 1.9 .54 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.56 .62 1.40 3.7 .77 1.82 1.83 .67 2.37 10.75 .88 1.00 2.49 .25 1.05 1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.1 1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .56 .87 2.17 3.67 3.61 1.20 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.0	90	~	6	2	-	0		. 88	2		1.54		~	
.52 .82 .74 .52 .74 1.99 .96 1.14 .98 .52 .70 .94 1.99 .56 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.56 .62 1.40 3.7 .77 1.82 1.89 .67 2.37 10.75 .88 1.00 2.49 .25 1.05 3.1 1.05 1.25 1.73 1.09 1.71 3.30 2.29 2.42 .58 2.10 1.47 3.67 3.6 1.7 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .58 2.10 1.47 3.67 3.6 1.7 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.0	67	6.	*	0	9.		3.	. 59	-		4.69	6.	-:	
1.05 1.44 2.59 .92 2.53 3.46 3.73 2.45 1.65 1.56 .62 1.40 3.7 .77 1.82 1.83 .67 2.37 10.75 .88 1.00 2.49 .25 1.05 3.1 1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.1 .89 1.25 1.73 1.09 1.71 3.30 2.29 2.42 .58 2.10 1.47 3.67 3.6 1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .58 .87 2.17 3.0	89	1					6.	96.	-		. 32		•	
1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.  1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.  1.05 1.25 1.73 1.09 1.71 3.30 2.29 2.42 .58 2.10 1.47 3.67 3.  1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .58 .87 2.17 1.26 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.	69	-	4.	.5	2	. 3	4	3.73	2		1.56	-	*	
1.05 1.84 1.59 1.40 .78 2.66 1.99 1.79 2.17 1.40 3.12 2.12 3.  .89 1.25 1.73 1.09 1.71 3.30 2.29 2.42 .58 2.16 1.47 3.67 3.  1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .56 .87 2.17 1.26 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.	70	-	•	*	-0	·.	۲.		•	•	5.49		0	
1.74 1.46 1.25 1.73 1.09 1.71 3.30 2.29 2.42 .58 2.16 1.47 3.67 3.67 1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .56 .87 2.17 1.26 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.	71	C		.5	4.		9	5.	1.79		1.40	-	-	
1.74 1.46 1.55 1.12 1.47 2.24 1.33 1.65 .56 .87 2.17 1.26 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.	72		7		0			.2	2.45		2.10	4	e.	•
1.26 3.02 1.46 1.22 1.39 1.10 .92 2.17 2.32 .76 .70 .82 3.	73	-	*			-		~	1.33		. 58	100	-	
	74	~	0	*	.2		-		2.17		.76	-		
S. D. DTAL OBS.	MEAN													
07AL OBS.	S. D.													
	TOTAL OBS.													

\$

FROM DALY DESERVATIONS

WHITING FIELD, FLURIDA STATION NAME

24 HOUR AMBUNTS IN INCHES

ALL	9.28	2.57	3.85	1.782	11037
DEC.	1.06	2.	1.53	. 908	196
NOV	3.80	86.	1.40	1.074	960
OCT.	1.82	0 8 -1	1.36	1.070	899
SEP.	3.22	5.08	2.32	1.034	960
AUG.	1.39	2.17	1.86	.932	196
JQ.	9.28	2.40	1.99	1.639	837
NO.	3.29	76.	2.36	2.018	006
MAY	1.77	2.37	1:51	.088	961
APR.	1.41	2.57	1.65	. 116	930
MAR.	2.28	5.39	2.03	1.193	868
5	2.19	ss.	1.64	.781	932
JAN.	2.47	<b>7.</b>	1.49	. 574	868
YEAR	75	=	MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

N

6£696T

93841 STATION \*\*

0

1

**EXTREME VALUES** 

PRECIPITATION (FROM DALLY OBSERVATIONS)

45-77

WHITING FIELDS FLORIDA

93841 STATION

0

.0

0

0

YEARS

/BASED UN LESS THAN FULL MONTHS/

MONTH JAN. FEB. MAR. APR.				1.80	15	2.05	30			.58 1				25.2			30		1.40	2		MEAN	
R. MAY			30							.25	ec -						+						
JUN.	3.65	21		6		3.07	٨2		-														
JUL. AUG.				3.12		1.00	/2		11.5								1.0	17.		06.	06		
SEP.						0																	-
OCT.	TRACE	23					TRACE	58															
NO N													01.10	-									1
DEC.												1.26	44	9									
MONTHS	PRECI	DAYS	PRECIP	PRECIP	DAYS	PRECIP	02 72 40	DAYS	PRECIP	PRECIP	DAYS	PRECIP	DEFE	DAYS	PRECIP	PRECIP	PRECTO	DAYS	PRECIP	PRECIP	DAYS		

0

4

0

NAVWEASERVCOM

1

0

0

**N** 

SNOW FALL

24 HOUR AMDUNTS IN INCHES

WHITING FIELD, FLURIDA STATION NAME

YEAR	JAN.	5	MAR.	APR.	MAY	, S	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL
4.5	TRACE	0	•	0.	.0	•	0.	•	0.	•			
44	0	•	•	0.		•	•	•	00	•	°.	00	
40		•	00	0.	00	00	0.	00	00	•		00	
52	•	0.0	00	00	0.0	0.0	00	00	00	0.		00	0.
23	00	0.0	2.5	00	00	00	•	00	00	0.0	00	00	2.5
52	TRACE	0.0	TRA	0.0	0.0	0.0	00	0.0	0.0	0.0	0.0	0.	TRACE
2 8 2 8		00		00	00	00	00	00	00	00		0	
60	TRACE	TRACE		00	0.0	00	00	00	0.0	00	0.0	00	TRACE
61	. A			00	0.0	0.0	00	00	0.0	000	0.0	TRACE	TRACE
69	TRACE	00	00	00	0.0	00	00	00	00	0.0	0.0	TRACE	TRACE
66	TRACE	00	00	00	0.0	00	00	00	0.0	0.0	0.0	00	TRACE
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		TRACE	TRACE	000	00	00	000	000	000	000	000		TRACE
70	00	X .	. 0		00	00		. 0	20	.00	20	SAN CE	INALE
72	00	00	00	00	00	00	••	••	•••	•••	00	00	•••
73	TRACE	2.0	0	0.0	0.0	0.0	0.0	00	00	0.0	0.0	0.0	0.
S. D.													

NAVWEASERVCOM

0

£\$6961

SNOWFALL

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

0

8

24 HOUR AMOUNTS IN INCHES

MONTHS	•	8.2	.28	.854	10709
DEC.	TRACE	o.	TRACE	000.	899
NON	00	e.	00.	0000	810
OCT.	öö	e.	8.	000.	868
SEP.	00	e.	6.	0000	960
AUG.	00	•	8	000.	196
JUL.	•	•	8.	0000	837
J.	00		00.	0000	930
MAY	00		8.	0000	930
AR.	00	e	00.	000	900
MAR.	00	•	60.	*94.	668
<b>FB.</b>	00		9.	204.	847
JAN.	00	8:7		.558	937
YEAR	25		MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

SNOWFALL

Z4 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

WHITING FIELD, FLORIDA STATION NAME

c 0.8		1	-	JUN.	JUL	AUG.	SEP.	OCT.	NOV.		MONTHS
0.8	0	0	29.0						29		SAUFALL
0.8				210				23	28	30.0	SNUFALL
0.00			0.00								
	21.0				0.1	0.6			3.0		SNOFALL
•		0.2							0		SNOFALL
									28.0		SNOFALL
								29.0			SHOFALL
		- 3.			30.0						SNOFALL
•										0.6	
TRACE TRA	RACE 29								19.0		SNOFALL
											SNOFALL
					1.0						SNOFALL
	30.0										SNOFALL
					30.0						SNOFALL
	1	1		1							
	+	+	1	1	1	1			1		
S. D.	1	1	1	1				1			

NAVWEASERVCOM

T

SNOW DEPTH

DAILY SNOW DEPTH IN INCHES

2723 Extreme Values Jap 1969

WHITING PIELD, FLURIDA STATION NAME

49-77

MONTHS							0			0	0				O		0	0	0	0	0	0	0	0	0		0	TRACE		0			
DEC.					0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			-
NOV.							0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			-
OCT.						0	0		0	0	0	0	0	5	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0			+
SEP.					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			+
AUG.					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			-
JUL.						0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0			-
JUN.					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	a	0	0	0	0	0	0	0	0			-
MAY					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥	0			
APR.						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			-
MAR.					0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	TRACE		0			
FEB.					0		0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0			
JAN.						0	0		0	0	O	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
YEAR	45	46	64	00	64	20		52	53	24	55	56	57	29	56	09	19	62	63	40	69	99	67	89	69	10	1,	72	7.3	74	MEAN	S. D.	

NAVWEASERVCOM

SNOW DEPTH

DAILY SNOW DEPTH IN INCHES

YEARS

WHITING FIELD, FLORIDA

	0	-	T						7-	0	0
MONTHS										.23	9979
DEC.	00	0							0.	000	837
NOV.	00	0							ó	0000	780
<b>OCT</b> .	00	0							0.	0000	908
SEP.	00	0							ó	000	870
AUG.	00	0							9	000	899
JUL.	0	0							ė.	000	775
JUN.	00	0							0	000	870
MAY	00	0							9	000	669
AR.	00	0							0	000	840
MAR.	00	0							RACE	000	837
E	00	0							-	416	191
JAN.	00	-							-	.200	77.5
YEAR	75	11							MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

2

-

·NE

SNOW DEPTH

/BASED ON LESS THAN FULL MONTHS/ 49-77

WHITING FIELD, FLORIDA

93841 STATION

MONTHS	O DPT	VS OPTH	O DPTH	O DPTH	U OPTH	U DPTH	U DOTH	SNO DPTH	YS VS	U DPTH	VS OPTH	SNO OPTH	VS DPTH	VS DPTH	SNO OPTH		
	SAG		SA	SAO	SA	N O	SA	SAO	0	0	SAD	SO	SNO	SAO	SNO	H	+
DEC.	0	0	0	0					19	97							
NOV.	0	0	0	c	0	280				001							
OCT.	0	0	0				29 0					300					
SEP.	0		0	0													
AUG.	0		0	0													
JUL.	0		0	0				000					170		300		
JUN.	0	0	0														
MAY	0	0	0														
APR.	0	a	0		0 ~												1
MAR.	0	0	٥	0						29.0				300			
FB.	0	٥	0	0		0											
JAN.		0	0	0	0,		0 4			250	670						
YEAR	4.36	9+	4.1	80 4	6.	20	25	53	96	23	98	09	20	13	16	MEAN	S. D.

NAVWEASERVCOM

\*

MONTHS

DEC.

NON

OCT.

SEP.

AUG.

J.

Š

MAY

APR

MAR.

=

NY

YEAR

**EXTREME VALUES** 

SNOW DEPTH

49-77

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

/BASED ON LESS THAN FULL MONTHS/

NAVWEASERVCOM

S. D. TOTAL OBS.

OND

99696T

0

0 0 4

3

8

8

•

.

-

ASHEVILLE, NORTH CAROLINA

NAVAL WEATHER SERVICE DETACHMENT

MONTH

WHITING FIELD, FLURIDA STATION NAME

1946-1977

1964

DATE

Σ

INCHES

DATE

Σ

INCHES

DAY

0

0

1947 1947 1974

> 9 \*

> > 0.56 1.05 2,82

0

4 2 9

SNOWFALL

PRECIPITATION

YEARS

FE BRUARY MONTH

	P.R.	PRECIPITATION	N	เรีย	SNOWFALL	16
DAY	INCHES	MM	DATE	INCHES	MM	DATE
	1.79	45	1970			
2	1.21	31	1953			
	0.74	19	1972			
4	1.56	04	1960			
5	1.76	45	1955			
9	2.89	73	1965			
7	3.02	77	1974			
8	68.0	23	1956			
6	1.46	37	1973	2.0	51	1973
10	0.85	22	1966			
11	1,41	36	1963			
12	1.99	16	1966	1.0	25	1958
13	0.29	7	1965	•	1	1960
14	2,33	89	1953	1		1969
15	1.59	40	1952			
16		46	1970			
17	0.85	22	1965			
18	3.59	16	1961			
19		09	1946	-	-	1959
20	2.95	75	1947	1	-	1959
21		56	1976			
22		34	1961			
23	0.84	21	1975	4	1	1968
24	0.87	22	1963			
25	1,66	42	1957			
26	1,38	35	1971			
27	1.94	64	1966			
28	2	37	1947			
59	0.02	1	1960			
30						
31						
Monthly	2.80	-	1961	2.0	41	1072

1962

1975

0.68

0

2.45

=

62 1963

1964 1968

99

2.59

œ 6

0

0.48

2,26

40

1964

1976

1946

1971

1973

23 1948

3,39

12 13 14 15

1

1973

1964

1957 1977

1977

4.0

1973

38 30

3.40

16

O

17 18 19 20 21 22

0

1963

53

1973 1956

\* 0 192 56

1.13

0

1.20

33 1955

1946

36 1977

1041 99.0 1,30

1977 2.0 98

1977 1977

74

1970\*

1959

1953

1.86

30

0

3.40

Monthly

31

1949 1950

1.06

2.05

28

29

2.47

56 27

25

• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

\*9961

1961

1.26 1.02

23 24

0

1976

1966

1946 1955

0

93841 STATION

שותות

WHITING FIELD, FLORIDA STATION NAME

1945-1977

YEARS

7000	1	MONIH	

	PR B	PRECIPITATION GREATEST	N	พิด	SNOWFALL	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
1	2.60	99	1959			
2	0.99	25	1960			
3	2.97	75	1960			
4	2.72	69	1950			
2	0.95	24	1957			
9	3.14	80	1953			
7	1.35	34	1951			
8	1.22	31	1974			
6	1.71	43	1958			
10	1.56	40	1959			
11	2.50	63	1949			
12	1.10	28	1961			
13	2.75	70	1961			
14	1.60	41	1967			
15	1.50	38	1947			
16	1.00	25	1951*			
17	0.95	54	1957			
18	1.19	30	1966			
19	1,15	29	1966			
20	0.51	13	1947			
21	1.25	32	1954			
22	3.25	83	1945			
23	0.63	16	1945			
24	1.20	30	1946			
25	1.59	40	1953			
26	3.22	92	1964			
27	2.52	64	1964			
28	2.72	69	1962			
29	3.40	98	1949			
30	1.05	27	1975*			
31						
Monthly	3.40	90	1949			

1		-			
	PRECIPITATION GREATEST	N	S &	SNOWFALL	
1	MM	DATE	INCHES	MM	DATE
	26	1961			
	44	1972			
	99	1948			
	36	1973			
	14	1950	1		1954
	150	1947	2.5	63	1954
	159	1947			
	94	1970	1	1	1957
	3	1976			
	15	1968			
1	47	1956			
,	29	1973			
	148	1947			
	23	1949			
	78	1960			
	31	1966			
	9	1969			
	100	1951			
	54	1991			
	35	1973			
	25	1957			
	13	1949			
	16	1969	1	_	1968
	20	1957			
	1.6	1945			
	60	1976			
	69	1946			
	19	1977	•		1955
	56	1991			
	102	1947			
	85	1962	- 1		
		1947	2.5	63	1984

0

0

0

0

0

• ALSO ON EARLIER YEARS T ~ TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

93841 STATION

0

WHITING FIELD, FLORIDA STATION NAME

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

STATION

12275 11981

0 ısıı

0

0

0

0

1945-1977

YEARS

	ı
	•
	1
	)
	,
	1
	,
	1
	1
	1
	Ł
	1
	1
	1
-	1
I	1
	1
5	}
~	-
0	1
æ	1
~	ł
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1

PRECIPITATION GREATEST  MM DATE INCHES  5 42 1910 5 273 1910 5 11 1953 6 42 1910 7 78 1910 7 78 1910 7 78 1910 7 78 1910 7 78 1910 7 78 1910 7 78 1910 7 78 1910 7 78 1910 7 7 1910 7 1910 7 1910 7 1910 7 1910 7 1910 7 1910 7 1910 7 1910 7 1910 7 1

-

DAU.

1			-			1
	PR	PRECIPITATION GREATEST	NO	w <sub>0</sub>	SNOWFALL	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
	69.0	18				
		14	1957			
	0.93	24	1956			
	0.76	19	1967			
		26	1953			
	0	27	1955			
	3.12	44	1960			
	9	43	1969			
	09.0	15	1961			
	96.0	72	1960			
		04	1959			
	0.93	24	1964			
	1.39	35	1945			
	2.77	20				
	0.51	13	1975			
	10.1	92	1945			
	1,39	35	1952			
	1.94	69	1969			
		50	1959			
	1.87	47	1958			
	1.99	51	1947			
	1.94	69	1955			
	1.04	26	1960			
	1.24	31	1965			
	86.0	25	1952			
	1.52	39	1991			
	2.45	62	1976			
		21	1965			
	1.77	45	1975			
	1.17	30	1970			
	2.37	69	1970			
Monthly	3.12	99	1960			L

• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCE ANMET - SMOS

### DAILY EXTREME AMOUNTS

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

Q

0

MONTH

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

でに

DATE

Z

INCHES

DATE

MM

INCHES

DAY

0

1977

2.46 1.49 0.59

0

0.66

38 1960

15 1971

1959

. 25 3,16

.01

9

0

26 1959

1901 96

1.90

10

6

0

œ

12

Q

11

1.50

14 15 16 17

13

SNOWFALL

PRECIPITATION

1945-1977

YEARS

		_
	100	the self
		-
		IONT
	-	
	-	7
		-
	NGUS	-
	1	
	-	
	-	
	7.6	-
	-	
	-	
	-	
	and the same	
	-	C. V
0		
0.		

TATION	DATE INCHES	1966	73 1960		•		65 1952	58 1961		1	1	72 1950		-	27 1969		1	40 1969	36 1947	1	33 1977	21 1960	1	44 1947	28 1955	-		42 1963	18 1963	l	53 1966
PRECIPITATION	INCHES		2.89		0.57	1.50	2.56	2.29	1.14	1.04	2.69	2.85	1.12	1.20	1.07	4.02	1.00	1.59	1.42	0.77	1.31	0.84	4.32	1.74	1.10	2.17	1.39	1.67	0.72		
N.	DAY	-	2	3	4	5	9	7	8	6	01	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29

95 1969

3.73 1.79

24 1945

0.96 2.60

0

57 1945

2.24 1.46 1.80

19 20 21

18

0

1968

0.80

22 23

0

1.73

24

0

1810

200

.32	22	28 1930	The second secon
.28	236	1975	
.32	135	1975	
.28	236	1975	

Monthly

0

30

0

31

50 1950

1.96

28

29

27

0

1948

36 1963

. 42

. 48

25 26

T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD \* ALSO ON EARLIER YEARS

DIRNAVOCE ANMET - SMOS

WHITING FIELD, FLORIDA STATION NAME

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

1945-1977

YEARS

DC TUBER MONTH

	PRE	PRECIPITATION GREATEST	N.	SO	SNOWFALL	
DAY	INCHES	MM	DATE	INCHES	MM	DATE
-	1.58	40	1969			
2	99.0	17	1956			
3	1.35	34	1964			
4	99.0	16	1945			
2	1.43	36	1975			
9	4.03	102	1960			
7	2.49	63	1970			
8	1.00	25	1970			
6	1.54	39	1966			
10	1.09	28	1959			
11	1.55	39	1977			
12	90.0	1	1966#			
13	1.34	34	1970			
14	1.92	49	1959			
15	0.76	19	1974			
16	1.82	46	1975			
17	1.40	36	1971			
18	0.89	23	1950			
19	1.63	41	1970			
20	0.32	8	1950			
21	1.84	47	1947			
22	0.83	21	1945			
23	0.10	18	1957			
24	0.88	22	1970			
25	1.80	46	1977			
26	0.19	5	1972			
27	2.16	55	1972			
28	6.	23	1959			
29	1.96	50	1959			
30	4.69	119	1967			
31	0.78	20	1961			
Monthly	4.69	119	1967			

• ALSO ON EARLIER YEARS T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

0

0

93841 STATION

1945-1977

WHITING FIELD, FLURIDA STATION NAME

MOVEMBER

YEARS

DECEMBER

		DATE
	SNOWFALL	MM
	20.00	INCHES
	N.	DATE
	PRECIPITATION GREATEST	MM
	E C	INCHES
1		

DATE

Ž

INCHES

DATE

MM

INCHES

DAY

24 1967

0.95 1.38 60.

35 1951

28 1950

25 1977

0.98

2

0.63

9

1947

69. 0.96

24 1962

23 1977

16 1951

97 1947

16 1972

0.63

0.91

6 9 = 12 13 14 15 16 11 18 19 20

œ

3,58 3.80 14 1948

0.57

1.79 1.46

0.80

28 1962 107 1948 39 1948 33 1964 14 1972

1.10 4.20

21

1,53 . 28

22 23 24 25 26 27 28 29 30

2.23

57 1953

37 1972

1972

. 47 .31

SNOWFALL

PRECIPITATION GREATEST

	DATE				1945	1969#						1962*											1976									1963	10764
SNOWFALL	MM				1	1																											
เรีย	INCHES											•											•									1	
z	DATE	1971	1971	1950	1973	1972	1953	1949	1948	1966	1961	1953	1961	1953	1949	1949	1970	1954	1965	1965	1973	1972	1953	1952	1945	1964	1973	1961	1953	1977	1953	1963	1973
PRECIPITATION GREATEST	MM	33	54	52	26	94	56	43	78	35	19	0+	47	30	29	36	23	20	26	27	29	93	58	16	59	9.1	25	29	22	19	33	26	0
PRE	INCHES	1.30	2,12	2.05	1.02	1.83	2.22	1.70	3.09	1.37	3.11	1.59	1.87	1.20	1.15	1.42	0.92	0.80	1.04	1.07	1.16	3.67	1.15	69.0	1.15	3.58	66.0	1.13	0.85		1.31	1.01	2.47
:	VAV	-	2	3	4	5	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	59	30	31	Monthly

200

· ALSO ON EARLIER YEARS

107 1948

4.20

Monthly

13 1960

0.50

0,93

79 1971

0.55

1.80

1.67 3.12 T – TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

1111

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

NWSD, Federal Building

Asheville, N. C.

PART C

### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is period. Every month of a year must have valid observations present before the ALL MONTHS value is selected column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. selected and printed. These values are then used to compute means and standard deviations for the entire for that year. Means and standard deviations are computed when four or more values are present for any

According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a wind speed for each direction. 5

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to greater than 200 feet. ۾

0

SURFACE WINDS

45-77

WHITING FIELD, FLORIDA

93841 STATION

DAILY PEAK GUSTS IN KNOTS

YEAR	JAN	ż	•	MAR.		APR.	MAY	Ŋ		JUL.	AUG.		SEP.	OCT.	NON	×.	DEC.	*	MONTHS	
40	*	3681		3	528SE	4 8 S		344	438	599	N	388	4255W		594	8655W SSW				
**	Z	4 5 S S	44.2		284	200		E 3 E	53E	4	SSE	BZENE	SONE SO		¥822	SOSH	504			
600	SSE	3 8		W Z	7 9 4 9 4	3	04 373													
52															z	NNOE				
5.5	SS	57E	-		365 33ENE		1		44.55 385E	1	ESE	52N 32NN			384	3255 38N	T OR	S m	NE	54
20	ž v	36.55 36.5x	-		40S		1		365H	1	325E	328	SANSE		22NNW	90	1			
58					32E		1	1	37 MS66	34	32	40SE		1	Z	1	1			
56	SES	NO S			4 IN		1	1	400 A	}		40E			N N		1			4 5
05	Z Z	4285#		1	42ENE		1	1	34SE		1	37ES		1	BENNE	39SSE 46KNE	3 3		w z	30
6 0	S S	}			39WNW 52YSW		1	1	3558			49EN		1	4.5		1		3	-
6 9	3 3	1			43N		1	1	A CON	1		388		1	Z Z	1	1		SE	4 8
68	N 3		-	SE	STANN 4	35NW 3155%	1 1	3555W	42ME	1	4358	25ESE	1	1	4255H	32N	E 35		Z S	
100	×	295H			365W	438			3 7			43NE	20E	123	3	37SE	- 6			
72	20 X	381			4234	202			4235			3417	302		421	291	3 2	7		55 50
73	23	25			3419	2417		33	3601			2608	2909		928	1	30			
MEAN																				
5.0.		1			+	+			+			+			1	+		4		
O 14 000																			-	

.

**EXTREME VALUES** 

SURFACE WINDS

WHITING FIELDS FLORIDA STATION NAME

93841 STATION

YEARS

DAILY PEAK GUSTS IN KNUTS

-	0	1	460	*
33	82	1	10.	3
36	02	4.0	263	767
34			-	_
		37.6	9.00	95/
323		0	131	0
		1	8.3	-
351	36	0	40	0
20	2	36	1:1	•
272	6.1		1890	805
23			0	
202	306	4.0	5	772
25			13	
			<b>&gt;</b>	778
708		-		1
m ~				60
273	en e	1		900
		41	1.6	0
323	66	1	331	66
		9	7.7	0
292	8	7	20	0
- 6		1	1.6	•
243	282	O	30	93
23	4	1	11.0	-
75		N N N N N N N N N N N N N N N N N N N	S. D.	AL OBS.
	23 6917 2920 3232 2735 3708 3622 2023 2132 3518 3234 2215 36 34 2433 2233 2913 1835 2234 2507 2205 2726 1816 2234 1934 22	75 23 6917 2920 3292 2735 3708 3622 2623 2132 3918 3234 2815 36 23  77 34 2453 2253 2913 1835 2234 2957 2265 2726 1816 2294 1994 22 33  77 34 2628 5026 3917 3532 3712 3217 3658 1852 3634 2633 2221 26  8 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	23 6917 2920 3232 2735 3708 3622 2023 2132 3516 3234 2215 36 34 2628 5926 3917 3532 3712 3217 3608 1832 3634 2033 2221 20 34 2628 5926 3917 3532 3712 3217 3608 1832 3634 2033 2221 20 34 2628 5926 3917 3532 3712 3217 3608 1832 3634 2033 2221 20 34 2628 5926 3917 3532 3712 3534 2934 38.5 36.9 31.9 37.9 36.4	23 6917 2870 3232 2735 3708 3622 2623 2132 3516 5234 1934 22 34 2483 2628 3917 3532 3712 3517 3658 1852 3634 2033 2521 20 34 2483 5624 3917 3532 3712 3517 3658 1852 3634 2033 2521 20 34 2483 2628 3917 3532 3712 3517 3658 1852 3634 2033 2521 20 34 2483 2483 2483 2483 2483 2483 2483 24

NAVWEASERVCOM

**N** 

186961

0

D

30

\$

SURFACE WINDS

45-77

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

0

0

\* (W) \*

/BASED ON LESS THAN 90% DBSERVATIONS FOR MONTH!

JUL. AUG. SEP. OCT. NOV.	BSH	67 67			0	•	0	0 0		0 0	SE 27ENE 19 NE 32	•	2	0			777	12	65E 22	1 2 N	30	-		
MAY JUN.	245	12				2 4 5	0	0	54	0	S# 23 SS	,								35	35	;		
MAR. APR.				ENE SO		SS# 24	2	0	SSE 39 NH	0	NNW 27ESE 34WS									2 405E 50				
JAN. FEB.			SS¥ 52 27			•	0	•	T	1 0	NE IZWNW ZZWA			NW 136 24	SSW 52	-				O O O				
YEAR	94		4.4	48		64		0	15		25	55	26	57	58		63		9	69	04	2	MEAN	-

0

SURFACE WINDS

WHITING FIELDS FLORIDA

93841 STATION

45-77

/BASED ON LESS THAN 90% DBSERVATIONS FOR MONTH!

MONTHS	42 WINDS	WINDS									
DEC.	7										
NOV.	17										
OCT.	25 212 26										
SEP.											
AUG.	19 23										
JUL.											
N.											
MAY	24 45										
APR.											
MAR.											
Ę		24 48									-
JAN.											
YEAR	13	74							MEAN	S. D.	-

NAVWEASERVCOM

5.5 3.5

5.0

3.4

40.1

6.6

4.5

4.4

5.9

ZVO - NOUNS (L.S.T.)

Ē

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

X NAT LER ALL

73-77

WHITING FIELD, FUORIDA

93841 STATION

0

YEARS

SPEED (KNTS)

z | = =

E

0

ESE 38

MEAN WIND SPEED 15.5 5.5 3.4 3.5 3.5 5.5 3.9 3.6 : 100.0 29.7 12 . 55 4 4 7 \$ 3 S 28 . 27 2 17 - 21 4.5 1.3 0 1.3 1.3 11 - 16 5.6 .0 1:3 1.9 13.5 0 000 1.9 0 0. 0 7 . 10 6.5 ... 0. 2.0 6.1 6.1 9. 1.3 0 0 0 24.5 4.6 3.6 00 6.1 6. 1.3 . 3 ..

> WWW 3 3 VARBL CALM

WSM

Oi

0

0

0

35

\*

SSW

\*

0

1411

9.4

3.5 5.3 1.01

7.5

4.3

4:1

TOTAL NUMBER OF OBSERVATIONS

-

155

3.6

SMOS DIRNAVOCEANMET

Ob

3

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

### SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

YEARS

73-77

WHITING FIELD, FLURIDA

93841

CLASS

HOURS (LS.T.)

ZAZ MONTH

CONDITION

WEAN WIND SPEED	*	9	3.	5.	•	2.	*	•	*	3.	8	5.	7	*	*	80		3.
*	12.3	8.4	2.6	0.	5.8	3.2	2.0	6.9	1.9	1.9	1.3	2.0	9.	6.1	5.6	0.6	30.3	100.0
<b>8</b> 8																	X	
48 . 55																	X	
4.4																	$\setminus$	
34 . 40																	$\setminus$	
28 . 33																	X	
22 - 27																	X	
17 - 21																	X	
91 - 11	0.	1.3						0.			0.				9.	2.6	X	6.5
7 . 10	1.3	5.6			0.	0.	0.	1.9		9.		9.		9.	0.	3.2	X	13.5
•	6.9	9.2	9.2	0	3	1.3	0.	3.9	1.3			1.3		0.	9.	5.6	X	27.7
:	3.9	1.9	5.0		1.9	-	1.3		0.	1.3	9.	0	0.	0.	3.9	•	X	21.9

WWW WWW

\*

VARBL

CALM

SW WSW

•

SPEED (KNTS) DIR.

000

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLORIDA

93841 STATION

WEATHER

ALL

06 Nouns (1.5.T.)

ZAN MONTH

CONDITION

11 . 16

7 - 10

4.6

1.3

(KNTS)

00

2.6

7.6

Z

Z Z

MEAN WIND SPEED	5.3	3.6	3.6	3.1	3.5	4.3	1.0	3.3	4.0	205	8.0	4.3	0.4	10.4	1.1		3.8
×	18.1	6.9	0.6	1.9	5.8	2.0	6.5	1.9	2.6	3.2	9.	4.3	9.	3.6	0.6	54.5	100.0
95 \																X	
48 - 55																X	
41.4																X	
34 - 40																X	
28 - 33																X	
22 - 22																X	
17 - 21																X	

1.3

6.

000000

6.1 1.3

ESE

0

SSE 3

•

0

... 1.3 0

. 3 • 3.9

5.6

WSW

3

SSW

S.W

\*NE

3

000

0 2 2

1.3

1:3

9.6.1

NY N VARBL

ž

S C S

I

TOTAL NUMBER OF OBSERVATIONS

9.6

11.00

29.0

29.0

155

044

SMOS DIRNAVOCEANMET

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0088

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

THE ST

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER WHITING FIELD, FLURIDA

COMBITION

HOURS (L.S.T.)

Z MONTH

2.6 3.9 3.9 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	*	7 - 10	91 - 11	17 - 21	22 . 27	28 . 33	34 · 40	41 - 47	48 - 55	% %	*	MEAN WIND SPEED
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7		9.								0.11	7.6
3.5 3.2 3.2 3.2 3.3 3.4 3.5 3.6 3.7 3.7 3.7 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8											4.6	5.9
3.2 1.3 5.6 0.0 6.5 0.0 6.1 0.3 7.0 0.1 1.9 1.3 2.2 1.3		6									4.5	4.4
5.6 6.5 6.5 6.1 6.1 6.1 6.1 6.1 7.6 1.3 7.6 1.3 7.6 1.3 7.6 1.3 7.6 1.3											2.5	3.1
6.5 6.1 6.1 6.1 6.1 6.1 7.0 7.0 8.2 8.1 8.2 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3											1.1	6.9
6.1 0.2 0.0 1.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0											10.3	4.3
0. 0. 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.		2	1.3								1.1	5.3
6.1.3. 6.1.3. 6.1.3.2. 6.1.3.2. 6.1.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.											1.9	5.3
6.1 9. 9. 0.1 1.9 1.3 6.1 0.2 9.6 5.6	.5 0.										4.5	5.1
0. 0. 1.3 6.1 0.2 6.1 0.2 6.2 5.6	•										1.9	7.0
1.9 2.0 1.3 6.2 3.2 3.2 3.9	9										1.9	2.0
3.2 3.9	6.	6									3.9	3.3
3.2 3.9	.5 6.										4.5	5.3
9.2 3.9		1.3									1.3	8.5
6.8 5.6		9.	-								2.6	11.3
	2.6 3.										11.0	6.1
	$\left\langle \right\rangle$	$\langle \rangle$	X	$\bigvee$	10.3							
18.7 41.3 24.5 5.2			3.2								100.0	5.1

1000

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

0

0

0

0

0

#### SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER WHITING FIELD, FLURIDA

12 NOURS (L.S.T.)

LAN

MEAN WIND SPEED	0.0	5.5	4.1	2.0	4.8	9.6	1.4	5.3	2.9	1.5	11.5	4.0	0.4	8.6	6.0	8.4			6.1
*	15.5	3.9	3.9	9.	9.2	306	5.8	1.,	15.9	3.9	6.5	2.6	1.9	4.5	1.6	10.3		4.8	100.0
95 Al																		X	
48 - 55																		X	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21											9.							$\bigvee$	9.
11 . 16							9.	0.	1.9	9.	9.			0.	1.3	3.6		X	9.7
7 - 10	6.9	1.3	9.			0.	1.9		3.6	2.0	1.3	1.3	0.	3.6		3.9		X	31.0
*:	3.0	1.3	1,3		6.1	1.3	5.6	5.8	9.5			0.		0.	3.9	1.9		X	32.3
÷:	9.	1.3	1.9	9.	0.	1.3	9.	0.	4.5	•		1.3	1.3		1.3	1.3		X	18.1
SPEED (KNTS) DIR.	z	N.	¥	ENE		ESE	35	SSE	8	SSW	NS.	WSW	*	WNW	¥.	*NN	VARBL	CALM	

200

TOTAL NUMBER OF OBSERVATIONS

3

155

=

8800

2000

155

TOTAL NUMBER OF OBSERVATIONS

30

10

10

40

10

10

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

YEARS 73-77

WHITING FIELDS FLURIDA

93841

0

0

10

15

LAN HOME

COMDITION

ALL WEATHER

WIND WIND SPEED	7.5	2.0	2.0	4.8	3.8	6.3	2.6	2.6	1.4	8.4	8.0	8.5	5.7	7.3	5.7	7.5			6.3
*	14.8	3.9	3.9	2.0	3.9	9.2	5.8	6.9	15.5	6.0	3.8	9.2	1.9	4.5	1.1	1.6		5.4	1000
% AI																		$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 22										9.								X	,
17 - 21																		X	
91 . 11	9.					0.		9.	5.6	9.	9.	1.3		9.		5.6		X	
7 - 10	7.7	1.3	9.	0.			1.9	1.9	4.5	3.2	1.3	0.		1.3	9.7	5.6		X	
• • •	5.2	1.3	6	1.3	2.6	9.	3.6	1.3	1.1	1.3	1.3		6:1	1.9	4.3	5.6		X	* 00
::	1.3	1.3	1.3	9.	1.3	1.3	9.	5.6	0.	9.		9.		9.	9.	1.9		X	
SPEED (KNTS) DIR.	z	Z Z	w Z	ENE	-	ESE	35	SSE		SSW	NS.	WSW	*	WWW	ž	MNN	VARBL	CALM	

SURFACE WINDS JAN 78

9400

18 HOURS (L.S.T.)

988

NA N

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

ALL WEATHER CLASS

COMDITION

DIRNAVOCEANMET SMOS

080

155

TOTAL NUMBER OF OBSERVATIONS

8880

1099

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

288

SURFACE WINDS

73-77

WHITING FIELD, FLURIDA

93841

0

0

0

0

0

0

0

0

0

0

1

ALL MEATHER

21

LAN

CONDITION

SPEED (KNTS) DIR.	1.3	• •	7 - 10	5 5 	17 - 21	22 . 22	28 - 33	34 . 46	41.4	48 - 55	% AI	*	MEAN WIND SPEED
z	3.2	6.5	1.9	9.								12.3	5.3
N N		3.2	1.3									6.9	5.3
¥		1.3										1.3	
ENE	1.9	1.3										3.2	3.0
	5.6	1.3	7.0									5.8	
ESE	6.1	1.9	9.									4.5	0.5
38	2.0	0.	9.									3.9	70%
SSE	1.9	2.6	1.5									5.8	
	3.9		0.	0.								7.7	
SSW	1.9	1.9										3.9	
SW.	9.	1.3	0.									5.6	4.5
WSW	5.0	1.3										3.9	
*	1.9	0.										9.2	
WNW	1.3	1.3		9.								3.2	2.0
W	1.3	1.9		1.3								6.5	6.1
NNW	5.6	1.9	1.3	9.								6.9	5.5
VARBL													
CALM	X	X	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	21.9	
	30.3	33.5	10.3	3.9								100.0	3.6

DIRNAVOCEANMET SMOS

### SURFACE WINDS

-

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

WHITING FIELD, FLURIDA

93841

0

ALL WEATHER

ALL HOURS (LS.T.)

LAN

COMBITION

MEAN WIND SPEED	5.9	5.4	4.1	2.4	4.1	4.5	3.1	3:1	2.6	5.9	0.1	6.5	7 . 4	7.0	0.8	1.1			4.5
*	14.2	0.0	6.3	2.3	2.0	5.5	6.4	4.8	1.6	3.5	5.3	1.02	2.0	107	2.6	6.8		18.5	100.0
*																		X	
8 - 35																		X	
4.0																		X	
34 - 46																		X	
28 · 33																		$\bigvee$	
22 . 20										1.								X	1.
17.21											7.							X	.1
91 . 11	9.	.2				7.	•	7.	0.	7.	2.	7.	:	.3	1.0	1.9		X	6.1
7 - 10	4.5	1.7	5.	. 3	0.	5.			1.00	1.3	9.		6.	6.	707	5.5		X	18.2
9:+	1.9	2.8	1.9	1.6	7.7	6.3	7.1	7.0	3.0	1.0	9.	•	1.0	6.	6.1	4.0		X	33.3
::	2.1	1.3	2.0	• 00	5.3	1.1	1.5	1.6	5.3	1:1	0	1.3	7.1	•	0.1	1.9		X	23.7
SPEED (KNTS) DIR.	z	NNE	¥	ENE	*	ESE	SE	355	•	SSW	*S	WSW	*	WWW	¥	NNN	VARBL	CALM	

SIR

DIRNAVOCEANMET SMOS

1816

1240

TOTAL NUMBER OF OBSERVATIONS

0

5.3 3.0 7 . 4 7.4

1.2

.

1:2

X X X

7 . 10

1.3

SEED (KNTS) DIR.

3.5 2.1

Z

5.2

MEAN WIND SPEED

### SURFACE WINDS

3886

DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

93841 STATION

0

STATION MARK

73-77

YEARS

WEATHER

ALL

HOURS (LS.T.

00 -

FFB

COMBITION

---

.

1 . 4 1.5 3.5

1.4 2.0

35%

•

3 3

ESE

0

•

NSW NSW

0

WWW

\*

0.9

6.9

9.6

3.1

5.01

E

7.4

6.9

5.8 3.6

5.0

2.0

3.5

6.8

11.3

TOTAL NUMBER OF OBSERVATIONS

=

141

3.9

1000

2.0

12.6

27.0

27.7

2.8

3.5

N. VARBL

ž

CALA

. 7 . 7

1.4

7.7 1.4 5.8 27.0

8.2

5.1

6.4

MEAN WIND SPEED

\*

2

3.0

107

3.5

3.5

2.

101

3.0 4.2 4.8

4 60

8.0

4.3

5.0

2.91

#### SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

73-77

YEARS

MEATHER

ALL

HOURS (L.S.T.)

03 MONTH

FEB

CONDITION

48 . 55		
41.4		
34 . 45		
28 . 33		
2 . 27		

17 - 21

11 . 16

7 - 10

1.3

KNTS)

.

. . 6.4

.

7.7

N

z

Z Z

TOTAL NUMBER OF OBSERVATIONS

4.3

3.5

32.0

27.0

-

1.4

8.5

4.3

NY. VARBL

ž

CALA

.

.

7.0

3.5

WSW

•

\*NE

\*

7 . 4

3

3.7

10000

27.0

...

SMOS DIRNAVOCEANMET

NO

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93841 STATION

0

0 0

0

4

\* . .

104

...

2.1

SSW

s

\*S

.

3.4

4.1

SE SE SSE

.

•

10

1

1

1.5 3.0 6.4

4.8

4.3

4.0

5.1

0.4

#### SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

WHITING FIELD, FLURIDA

COMBITION

YEARS

06 HOURS (L.S.T.)

FEB MONTH

3.4 2.5 3.8 4.9 0.1 MEAN WIND SPEED 7 . 4 5.0 3.5 1X 48 - 55 . 47 Ŧ 34 - 40 28 . 33 22 . 27 17 - 21 11 . 16 2 . 1 104 . 7 - 10 2.0 1.4 4 4 4.6 2.1 1.2 1.3

TOTAL NUMBER OF OBSERVATIONS

0491

141

3.4

100.0

31.2

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

0

SPEED (KNTS) DIR.

0

0

N W

ENE

ESE

SSE 3

1 . 4

1.4

SSW

0

0

3

3.5

10.6

27.0

27.0

7 . 4

7.7

Ž VARBL CALM

ž

1.

3.5

\* NA

WSW

SW

.

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELDS FLURIDA

STATION NAME

ALL WEATHER

YEARS

CONDITION

HOURS (L.S.T.

FEB 60

MEAN WIND SPEED	201	0.0	6.4	2.0	3.1	7.4	1.4	206	6.0	2.0	10.0	2.1	9.	9.9	7.8	8.5			5.0
*	12.8	2.0	4.0	9.7	4.0	11.3	4.0	5.5	1.1	2.0	7.1	4.3	3.5	3.5	2.1	8.5		5.9	100.0
8																		X	
8 . 55																		X	
41.4																		X	
3 6																		X	
28 · 33																		X	
22 - 22																		X	
17 - 21																		X	
11 . 16	3.5						1.4		4:1						1.	3.5		X	12.1
7 . 10	2.0	7.7	1.		1.4	-	401		2.1	7.7		7.4	2.6	2.1	2.0	2.8		X	27.0
;	4.5		4.3	7.7	6.9	4.0	6.3	7.7	1.4			7.7	1.	7.4	1.4	7.4		X	35.5
3	2.1	2.1	*.			4.3			2.1	7.7		1.						X	19.1
SPEED (KNTS) DIR.	Z	W.Z	¥	Z		ESE	35	SSE	s	SSW	NS.	WSW	*	WWW	ž	NNN	VARBL	CALM	

0

0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841

1330

7.2

MEAN WIND SPEED

3.4

3.3 4.5

2.8 2.8

1.3

3.5

8688

8.2 1.3

60 8.3 8.8

5.0

6.2

8.4

4.4

8.5 1.8 6.4

8.21 =

5

1.0

10000

.

2.8

12.8

36.2

29.0

10.6

.

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WEATHER

ALL

COMBITION

YEARS

12 48 . 55 . 47 7 34 - 40 . 33

.

2.1 7.7

1.4

1.4

SSW

SSE

\*

0

ESE 35

-

7.5

2.8 2.8 4.9

4.1 1.2 4.0

WWW

\*

WSW

0

S

VARBL

CALM

0

N.

Ž

0

7.5

1.4 .

2.1 4.3

1.4

4.5 2.5

2.1

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

12 HOURS (L.S.T.)

FEB MONTH

200

SURFACE WINDS

28

22 - 27

17 - 21

11 . 16

7 . 10

4.6

. . 3

SPEED (KNTS) DIR.

507

Z

2 2

1.4

2.1 2.1

3.5

9.7

STATION

WHITING FIELD, FLURIDA

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC 93841

0

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

1.5 NOURS (L.S.T.) FEB HONTH 73-77 ALL WEATHER COMBITION WHITING FIELDS FLORIDA

SPEED (KNTS) DIR.	1.3	9:+	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	4.0	48 - 55	% Al	*	MEAN WIND SPEED
z	2.1	7.7	3.5	1.4								7.6	1.2
ž		7.4	7.1									3.5	8.6
Z		* • *										501	2.0
E.		1.										7.4	0.4
ESE		1.											0.9
SE	1.4	1.4	1.									3.3	8.4
SSE		1.	2.0	7.7								2.1	10.0
5		0.0	7	7.7		1.						0.22	8.8
SSW		1.	1.8									8.5	6.1
X.S.	1.4	7.7	9.7									9.0	5.8
WSW		7.7	7:1									2.0	0.1
*		40.	5.5									9.0	9.1
WWW	1.4	3.5		*								8.5	1.1
¥		7.2	3.5	1.								1.1	7.2
NNW		7.7	2.1	3.5								8.5	8.8
VARBL													
CALM	$\bigvee$	X	X	X	X	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	1.5	
	9.2	27.7	40.1	13.5	.7	.,						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

141

=

20

93841 STATION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841

(FROM HOURLY OBSERVATIONS)

ALL WEATHER	CLASS

18 NOURS (L.S.T.)

FEB

1.3 4.6 7.	5.0 2.1 2	1.4	4.	1.	1.4 1.4	1.4	1.	2.1 1.4	14.2					1.4 4.3	.7 2.5	2.8			22.0 43.3 19
1 01 - 7	2.8	1.	-			7.4		-	2.1	8.7	-	5.7	1.	-	3.5	1.4		$\langle \rangle$	19.9
91 - 11				-					501		-		-						4.3
17 . 21																	1	X	
n - n									1.									X	.7
28 · 33																		X	
34 . 46																		$\bigvee$	
41 - 47																		$\bigvee$	
<b>48</b> · 55																		$\bigvee$	
% AI																		$\bigvee$	
*	10.6	2.1	1.4	1.	8.5	2.8	1.2	2.0	9.02	7001	2.8	0.0	7.1	9.0	7.8	4.3		6.6	100.0
MEAN WIND SPEED	5.5	4.3	0.6	0.9	0.4	5.8	4.1	5.6	5.9	5.1	5.8	5.3	2.0	4.00	9.9	5.5			5.0

E

2

141

TOTAL NUMBER OF OBSERVATIONS

#### SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

WEATHER

ALL

73-77

YEARS

21 HOURS (L.S.T.)

FEB -

SPEED (KNTS) DIR.

Z Z Z

z

0

ESE

25

SSE

S

0

4.0 4.5 0.4 1. 4.3 6.0 3.8 7.0 9.9 5.5 0 3.4 6.5 3:1 200 4: MEAN WIND SPEED 7 . 4 4 . 4 4.3 6.4 6.6 4004 22.0 10000 3.3 6.0 6.6 18 48 - 55 . 47 7 34 - 40 28 - 33 22 - 27 17 . 21 1 . 4 2.1 -. 11 - 16 • 1.7 11.3 7 . 7 7 . 7 . . . . 7 . 10 2.0 31.2 6.5 3.7 7.7 4.3 . 4.7 7 . 7 4.6 29.1 1.4 2.0 1.3

WSW

0

3K

SSW

\*NX

\*

NX. VARBL CALM

D

ž

0

1600

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

MEAN WIND SPEED

22 . 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0.1

7.

.

.

Z Z Z

z

1.0

-

. 7.6 \* . 4

3,8 4.5

### SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

WHITING FIELDS FLURIDA

93841 STATION

0

0

0

0

WEATHER ALL

ALL HOURE (LET.)

FEB MONTH

CONDITION

*	9.8	2.4	2.2	-	4.1	3.6	4.1	4.3	10.2	0.1	3.3	4.3	5.1	4.9	5.6	2.6	16.6
95 AI	1				-												
48 - 55																	
41 - 47																	
34 . 46																	
28 - 33																	

2.

.

5:10:

1.5

2 2 2

0

-

0 4 7

3.5

7.7

1.5

SSW WSW WSW

8

0

0

3.1

.

...

.

. .

1.5

1.5 0.7 2.1 6.3

1.5

WNW

\*

¥ NNX VARBL

-

1.2

-

1.9

0.0

8886

5.2

=

100

5.9

1:

TOTAL NUMBER OF OBSERVATIONS

1128

...

0.001

.

.7

7.6

21.0

31.7

21.5

CALM

0

0

DIRNAVOCEANMET SMOS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER WHITING FIELD, FLURIDA

CONDITION

NOURS CLST.

MAR

MEAN WIND SPEED	5.9	3.8	3.0	2.0			8.3	1.0	7.3	=	4.5	8.4	9.6	1.5	0.6	5.8			4.9
*	10.3	3.9	5.1	9.	4.3	6.0	3.9	11.5	11.0	4.5	5.6	206	305	1.03	1.9	2.8		2962	100.0
8																		$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 22								9.										$\bigvee$	9.
17 - 21							9.			9.								$\bigvee$	1.3
11 . 16	0.					9.	9.	1.9	2.6	1.9			9.	9.	9.			X	10.3
7 - 10	4.5				1.5	1.3	9.	1.3	2.6				9.		0.	1.3		X	14.2
• •	1.3	1.9	9.		6.5	3.3	1.03	2.5	3.9	1.3	2.	2.0	0.		9.	3.9		X	30.3
ę: -	3.9	1.9	1.3	9.	1.9	c.	0	2.0	6.1	9.	0.	9.	1.3	9.		9.		X	20.0
SPEED (KNTS) DIR.	z	N.X	2	ENE	-	ESE	35	SSE	s	SSW	38	WSW	*	WWW	¥	NNN	VARBL	CALM	

Q)

0

0

1

Th

9888

DIRNAVOCEANMET SMOS

b

10

...

155

TOTAL NUMBER OF OBSERVATIONS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841

03 HOURS (L.S.T.)

MAR MONTH SURFACE WINDS JAN 78

### SURFACE WINDS

9000

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER WHITING FIELD, FLURIDA

WIND	6.4	4.6	0.4	4.3			7.4	0.1	8.4	-					7.6	4.2			4.7
×	11.0	5.5	1.3	1.9	5.6	2.5	1.	6.5	0.6	3.6	5.8	2.6	6.1	1.9	3.6	2.8		51.9	100.0
89 Al																		X	
48 - 55																		X	
41.4																		X	
34 . 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21									9.						9.			$\bigvee$	1.3
11 . 16						1.3		••	1.3	9.				9.				X	4.5
7 . 10	9.5	9.			1.3	103	1.3	3.5	3.6	5.6	3.6	9.	9.			9.		X	21.3
• •	3.9	2.0	9.	1.3	3.6	*	1.3	9.	2.0		y . 1	9.	1.3	1,3	1.9	3.5		X	28.4
:	4.5	1.9	9.	9.	1.3	0.	2.6	6.1	1.3		9.	1.3			9.	1.9		X	22,6
SPEED (KNTS) DIR.	z	NNE	Z.	ENE	-	155	3	SSE	•	SSW	AS.	WSW	*	WWW	MW	NNW	VARBL	CALM	

Dead

1888

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 0

0

0

0

0

0

0

0

0

93841

0

4.2

3.9

#### SURFACE WINDS

....

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

COMBITION

ALL WEATHER

HOURS (L.S.T.) 90

MAR MONTH

YEARS

75-77

WHITING FIELD, FLURIDA

93841

MEAN WIND SPEED	206	4.6	6.3	4.0	6.4	0.0	1.5	0.6	6.9	0.	6.3
*	0.6	2.5	6.5	5.6	1.01	4.3	7.1	6.4	11.0	3.9	2.9
% AI											1
48 - 55											
41.47											
34 - 40											
28 · 33											
12 . 27											
17 - 21											1
91 - 11				9.		0.	1.9	1.3	1.3	9.	-
01 - 7	3.6	9.	0.	0.	9.7		9.	0.7	3.5	1.3	
9:4	2.6	3.6	9.7	0.	1.9	1.9	9.7		3.0	1.3	
1.3	3.6	1.3	1.3	3.9	3.6	9.	1.9	9.	2.5	9.	
SPEED (KNTS) DIR.	2	N. N.	Z	ENE	3	ESE	SE	SSE	5	SSW	SW

TOTAL NUMBER OF OBSERVATIONS

155

4.8

10000

0

4.8

20.0

56.5

24.5

0.

00

1.9

. 0 .

0.

9

9.

1.9

1.9

WSW

0

0

0

(3)

1

0

0

0

0

0

WNW N X VARBL CALM

\*

20.0

=

5702 SURFACE WINDS JAN 78

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

Z

MAR

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) 73-77 ALL WEATHER CONDITION WHITING PIELDS FLORIDA

WIND WIND SPEED	6.5 7.5	5.8 6.6	2.9 6.9	4.5 6.1	6.3	7.7 6.2	8.4 10.8	.9 7.7	0.6		4.5 6.7		1.3 7.5	2.6 7.8	3.9 10.3	5.8 11.3		2.5	.0 7.5
*	9	5	9	*	1	1	20	12.9	6	0	4	*	-	2	3	2		2	100.0
% AI																		X	
48 - 55						7												$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 · 27																9.		$\bigvee$	9.
17 . 21							9.		9.									X	1.3
51 . 1	1.3		9.		1.3	9.	3.5	3.2	9.3	1.3	•	g.			5.6	1.9		X	20.0
7 - 10	1.3	5.6	1.9	1.9	9.	6:1	2.0	3.6	3.5	1.55	9.		0.	1.9	9.	5.0		X	27.1
• •	3.6	2.0	3.4	3.	2.6	3.9	5.5	0.0	2.0	4.0	9.5		0.	9.	0.	0.		X	38.1
1.3	0.	9.	9	•	0.	1.3		0	•	0	0	0						$\langle \rangle$	7.7
SPEED (KNTS) DIR.	z	N.	Z.	ENE		ESE	35	SSE	5	SSW	AS.	WSW	*	WWW	N.	NNW	/ARBL	CALM	

999

DIRNAVOCEANMET SMOS

10

30

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841

0

0

0

0

0

0

0

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAR	номти	17	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	COMBITION
MITTING FIELD, FLURIDA	STATION NAME	d d		

PS6 % WIND SPEED	5.8 9.2					3.9 6.2	11.0 10.6	11.6 7.4	21.9 9.15	1.6 1.1	0.81 5.8		3.9 7.5		-	6.5 9.0		
48 - 55																	-	
34 - 40 41 - 47																		The second secon
28 · 33																		The second secon
22 . 27							1.3			9.								
17 . 21	1.3										9.							
11 - 16		9.					2.5	1.3	6.0	1.9	1.9		1.3	9.	1.9	1.9		
7 . 10	2.0	2.6	•	103	0.	1.9	9.	5.6	10.3	5.6	0.	1.5	1.3	3.5	1.9	3.6		
•	9.	1.3	5.1	4.5	9.	1.3	4.5	3.6	5.5	1.9			9.	9.	•	0.		
::	1.3	9.			0.	9.	1.3	1.3	1.3	9.			9.			0.		
(KNTS) DIR.	z	W.	ž	E	-	ESE	S.E.	SSE	s	SSW	NS.	WSW	*	WNW	¥	NNN	VARBI	-

9888

155

TOTAL NUMBER OF OBSERVATIONS

311

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

1

15 HOURS (L.S.T.)

MAR

YEARS

73-77

WHITING FIELD, FLURIDA

ALL WEATHER

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

COMDITION

SPEED (KNTS) DIR.		•	7 . 10	11 . 16	17 - 21	22 . 27	28 · 33	34 . 40	41.4	48 . 55	% AI	×	MEAN WIND SPEED
z	9.	6.1	9.	1.3								4.5	7.0
N.		1.9	1.9									3.9	6.5
WZ.													
ENE	9.	1.9	9.									3.2	2.0
	1.3	1.3	1.3									3.9	2.0
ESE			1.9									6.1	8.7
*	0.	1.3	1.9	4.5	Les							4.6	11.5
SSE		1.3	5.6	1.3								8.4	8.7
s		3.6	14.2	4.3	1.3							2967	6.6
SSW			* *	5.6								11.0	2.6
SW		1.3	9.7	1.3								206	0.6
WSW		1.3	1.3									9.7	8 0
*			1.03									6.1	6.6
WWW	0.	1.3	0.7	9.								2.6	1.3
N.	0.	1.9	1.3	1.3								2.5	1.3
NNW	9.	6.7	3.9	1.9								0.6	8 . 4
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	1.9	
	5.2	21.3	1.65	19.4	5.6							100.0	8.4

0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS JAN 78

100

155

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

COMBITION

73-77

WHITING FIELD, FLURIDA

14866 STATION HOURS (L.S.T.)

18 MONTH

HAR

DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

0

0

SURFACE WINDS JAN 78

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER

21 HOURS (L.S.T.)

MAR MONTH

COMBITION

SPEED (KNTS) DIR.	z	NN	Z	ENE		ESE	35	SSE	s	SSW	AS.	WSW	*	WWW	ž	MNN	VARBL	CALM	
1:3	2.5		9.	9.	1.3	6.1	1.3	3.9	1.3		3.6	1.3	6.1	9.				X	20.6
::	1.7	1.9	1.3	4 . 53	4.9	4.6	9.	4.5	3.6	1.9	4.0	6.4	4.0	2.0	0.	9.		X	39.4
7 . 10	9.	1				2.6	5.0		6.5		0.	9.			9.			$\bigvee$	16.8
1 · 16	9.					1.3			1.9	1.9			9.		0.			$\bigvee$	7.1
17 . 21	9.						1.9	9.										$\bigvee$	3.2
$u \cdot u$																		X	
28 - 33																		$\bigvee$	
34 · 40																		$\bigvee$	
41 . 47																		$\bigvee$	
48 - 55																		$\bigvee$	
<b>3</b> 9																		$\bigvee$	
×	12.3	3.9	1.9	6.1	3.6	4.6	6.9	0.6	14.8	4.5	6.5	3.2	2.5	7.6	1.9	9.		12.9	100.0
WIND SPEED	5.6	6.3	4.	4.1	0.4	9.0	10.0	4.6	1.3	9.	3.	0.4	4.6	4.0	8.7	2.0			5.3

3110

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

93841

WHITING FIELD, FLURIDA

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

and the

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MAR	MONTH	ALL	HOURS (L.S.T.)	
73-77	YEARS	ALL WEATHER	CLASS	CONDITION
WHITING FIELD, FLURIDA	STATION NAME			

MEAN WIND SPEED	1.0	5.6	4.9	6.4	3.1	6.0	5.6	7.5	1.9	8.4	100	5.1	5.9	6.0	9.8	1.1			6.3
*	8.4	4.7	4.5	8.2	0.6	2.5	1.	0.6	1001	6.9	0.4	4.7	2.1	5.9	3.0	5.5		1163	100.0
% AI																		X	
48 - 55																		X	
41.47																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27							7.	-		7.						-		$\bigvee$	4.
17 . 21	7.						0.		6.	7.	-				•	-		X	1.7
1 · 16	9.	7.	7.	:	7.	1.	6.2	7.1	2.8	1.5	.5	7.		*.	1.0	9.		X	12.7
7 . 10	2.0	1.5	4.	9.	1:1	1.5	1.0	5.5	4.0	107	1.3	0.		7.0		2.1		X	27.7
9:+	3.1	2.0	1.3	1:1	0.7	7.7	1.5	5.5	5.5	0.7	4	6.	0.1	1:1	6.	1.8		X	30.6
1.3	2.3	1.1	0.	1.0	1.7	3.	1.5	1.4	1.3	2	0.			.3	7.	ç.		X	15.6
SPEED (KNTS) DIR.	z	NNE	¥	E		ESE	SE	SSE	5	SSW	NS.	WSW	*	WNW	ž	NNN	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

1240

1111

DIRNAVOCEANMET SMOS

93841 STATION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL MEATHER

WHITING FIELD, FLURIDA

93841

0

0

HOURS (L.S.T.)

00 MONTH

APR

CLASS

SPEED (KNTS) DIR.	z	Z.	N.	ENE		ESE	SE	SSE	s	SSW	SW	WSW	*	WWW	¥	NNW	VARBL	CALM	
1.3	4.1					2.0		2.0		2.0			3.3	2.7		2.0		$\bigvee$	23.7
*	6.0		1.3	1.3	6.1		6.7	1.3	4.7	. 1	1.		. 7	2.7	4.3	3.3		$\bigvee$	2 40
7 . 10	2.0						2.0	1.3					1.		.7			$\bigvee$	4 4.
11 - 16																		$\bigvee$	
17 - 21																		$\bigvee$	
22.27																		X	
28 · 33					•													X	
34 . 40																		X	
4 . 4																		X	
48 - 55																		M	
<b>8</b>																		X	
×	8.7	1.3	2.0	1.3	2.0	2.1	5.5	5.3	1.9	3,3	7.03	1.03	4.1	0.9	2.1	0.0		39.3	000
MEAN WIND SPEED	*	*	2.0	2.0	13.0	2.8	2.4	9.0	5.8	3.8	4.5	3.0	3.	3,9	2.0	4.1			2

0

0

0

900

150

TOTAL NUMBER OF OBSERVATIONS

#### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL WEATHER CONDITION

73-77

WHITING FIELD, FLURIDA

93841

0

0

0

0

0

0

NO

NOURS (L.S.T.)

APR MONTH

MEAN WIND SPEED	3.6	3.0	3.0	0.0	4.1	6.9	6.5	0.7	201	2.9			7.4	4.5	1.5	5.4			3.4
*	18.	4.1	1.07		4.7	7.02	0.4	4.7	0.0	3.3			0.0	1.3	4.0	5.3		31.3	100.0
<b>%</b>																		X	
48 . 55																		X	
41.40																		X	
34 - 40																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
5									1.3	•			•		1.3			X	4.7
7 - 10						1.	1.3	5.5	0.2									X	10.01
• •	1.3	1.3	1.		0.4		1.07		2.0	0.2			7.3	1.3	1.	2.7		X	27.3
1.3	10.1	3.3	5.0			2.0		•		•			3.3		1,3	1.3		X	26.7
SPEED (KNTS) DIR.	z	NNE	NE	ENE		ESE	SE	SSE	•	SSW	SW	WSW	*	WWW	NN	NNW	VARBL	CALM	

0

150

TOTAL NUMBER OF OBSERVATIONS

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER WHITING FIELDS FLURIDA

CONDITION

06 HOURS (L.S.T.)

APR MONTH

1 5 1 1 1 1 1 1	-	1.3	• •	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% Al	*	MEAN WIND SPEED
2.0.2 2.1 3.3 3.3 7. 7. 7. 2.0 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	1	1.3	5.3	1.3	1.								3.1	5.4
2.0 2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3		1.	6.0	1.									7.3	4.5
3.3 1.3 7. 7. 7. 2.0 2.7 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	1	2.0	. 7										2.7	2.8
30.0 12.7 5.3 3.3	1	1.3	2.0	1.						,			0.4	4.3
7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7		2.0	3.5	1.3									6.1	4.6
7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7	1		1.3	1.	1.								2.1	1.0
7. 5.7 7. 7. 1.333	1	-	3.3	1.	1.								5.3	0.9
7. 7. 7. 1.3 1.3777 7.	1		1.	1.3									3.3	
1.3 ··· 7 ·· 7 ·· 7 ·· 7 ·· 7 ·· 7 ·· 7 ·	1		2.7	2.0									5.3	0
1.3 .7 .7 1.3 20.0 8	1	2.0		1.3									3.3	-
1.37	1		1.										1.03	3.5
1.3 .7 .7 .7 .1 .3 .3 .3 .3	1	1.3											1.3	5.5
1. 7. 7. 6.1	1		1.	1.									1.3	0.9
30.01	1	107	1.3										4.7	3.7
30.0 12.7 3.3	1	1.3	1.	1.									201	5.3
30.0 12.7 3.3	1	2.1	6.1	1.									5,3	5.1
30.0 12.7 3.3	1													
30.0 12.7 3.3	1/	V	X	X	$\bigvee$	34.0								
	1	0.0	30.0	12.7	3.3								100.0	3.3

340

DIRNAVOCEANMET SMOS

2

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

SURFACE WINDS JAN 78

SURFACE WINDS

1121

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, PLORIDA

93841

ALL MEATHER

NOURS (L.S.T.)

APR MONTH

YEARS

CONDITION

11 . 16
1.
1 . 7
2.3
1.3
•
-
•
2.0
$\bigvee$
15.3

0

0

0

D

0

0

1

===

150

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841

0

0

0

0

0

0

0

0

0

ALL WEATHER

YEARS

12 HOURS (L.S.T.)

APR

MEAN WIND SPEED	7.8	4.3	5.3	5.8	5.8	9.0	9.6	10.9	2.6	4.6	1.5	0.4	( . 3	2.0	6.6	9.0			7.6
*	5.3	4.7	2.1	2.1	3.3	5.3	9.3	0.1	18.0	8.7	0.4	1.3	0.5	2.0	5.3	6.6		5.3	100.0
≥ 56																		$\bigvee$	
48 - 55																		$\bigvee$	
41.47																		$\bigvee$	
34 · 40																		$\bigvee$	
28 . 33																		$\bigvee$	
22 - 22																		$\bigvee$	
17 - 21							1.	1.3		1.			1.					$\bigvee$	3.3
1.16	1.					•	7.7	1.7	0.0	1.3	1.				2.0			$\bigvee$	16.7
7 . 10	3.3	.7		. 7	1.3	1.3	3.3	2.0	0.3	4.7	1.5		1.3		2.1	0.4		X	36.0
*;	1.3	2.7	1.3	2.0	1.3	4.7	7.7	1.7	0.2	0.2	0.2	1.			1.	3.3		X	27.3
		1.3							2.0				2.0	1.3		5.0		X	11,3
SPEED (KNTS) DIR.	z	W.X	ž	Z.		ESE	SE	358	8	SSW	WS.	WSW	*	WNW	¥	NNN	VARBL	CALM	

1:

5.0

4.0 0.6

#### SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

YEARS

73-77

HOURS (L.S.T.) 13

APR MONTH

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0.4

0.2

ZZ

1.3

10.3 10.8 10.5 MEAN WIND SPEED 0.9 6.62 2.5 1.03 0.4 3.3 0.8 2.01 6.1 128 . 55 \$ 41 - 47 34 - 40 28 . 33 22 - 27

> 1. .

1.3 2.0 13.3

2.0

1.3

ENE

1 ESE

K

2.0

1 . 45 2.1 .

2.0

: 1:

2.0

1.3

5.1

2.0

SSE

8.6

4.4

4.0

9.3

5.6

8.7

6.

DIRNAVOCEANMET SMOS

388

150

TOTAL NUMBER OF OBSERVATIONS

8.6

100.0

1.3

27.3

0.04

25.3

0

3

1

2.0

5.0

7 . 7

. .

2.0

WWW

\*

3 3 VARBL CALM

0

0

WSW

\*

SSW

\*

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

WHITING FIELD, FLURIDA

TOTAL NUMBER OF OBSERVATIONS

#### SURFACE WINDS

SAPE

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

YEARS

ALL WEATHER

1.8 HOURS (L.S.T.)

APR

CONDITION

SPEED 1 - 3 DIR.	*		7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
-	3	1.	2.0									1.3	5.3
NN	2	2.0										2.0	
-	2.0	-										2.0	2.3
		1.										1.3	
-	2	0.2										2.0	4.1
		1.	1.	1.								2.0	8.7
	1	. 3	3.3	1.3								6.7	0.8
-	.3	0	104									10.1	6.5
3	3.3 14.0	2	7.3									25.3	5.8
	6	6.	0.4									14.0	5.9
Sw.	1.3 4.1	1.	1.									1.0	4.1
	7	0.2	1.									4.01	6.9
	-	6.1										2.0	6.1
WWW	2	0.2	1.3									3,3	5.8
	2	2.0	2.0									0.4	7.0
NNW I	.3		2.7									5.3	5.8
VARBL		-											
CALM	$\left\langle \right\rangle$		X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	2.7	
12.0	0 52.0	0	30.0	2.7	.7							100.0	5.8

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

# PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

	APR	MONTH	21	HOURS (L.S.T.)	
DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77	YEARS	ALL MEATHER	CLASS	COMBITION
(FRO	MHITING FIELD, FLURIDA	STATION NAME			

93841 STATION

0

0

SPEED (KNTS) DIR.	1.3	9:	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 . 55	% A1	*	MEAN WIND SPEED
Z	0.4	2.0	1.									1.9	3.8
NN		2.7										2.1	4.5
w Z	1.		1.									1.3	2.0
ENE													
	2.7											7.2	2.0
ESE	2.0	2.7	1.									5.3	6.4
SE	3.3	1.5	1.3									0.9	4 6 4
SSE	1.3	5.6		1.								6.1	3.5
8	1.3		1.2									6.1	0.0
SSW	0.4		1.									0.0	70%
SW.	0.4	4.3										5.3	2.8
WSW	1.3											1.63	3.0
3	2.0	5.3										6.6	3.8
WWW			1.									201	6.9
×	1.	0.2	1.3									0.4	2.5
NNN	2.0	1.3	1.3	1.								5.3	5.8
VARBL													
CALM	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	29.3	
	29.3	28.7	10.0	2.7								100.0	3.2

Q

0

0

0

0

O

0

0

SURFACE WINDS JAN 78

8880

4444

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

I

SURFACE WINDS

73-77 ALL WEATHER CONDITION WHITING FIELDS FLURIDA STATION NAME

ALL HOURS (LS.T.)

APR

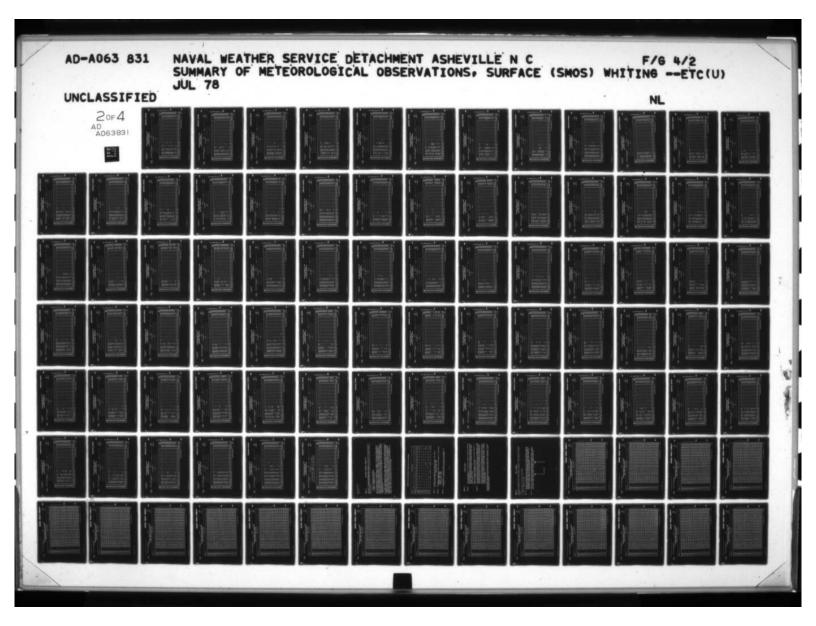
NHE 1.1 Z.4 3.0 1.9 .3 NHE 1.1 Z.4 .4 .4 .1 NHE 1.1 Z.4 .4 .4 .1 NHE 1.1 Z.4 .4 .4 .1 NHE 1.1 Z.4 .4 .7 .6 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7 .7	SPEED (KNTS) DIR.	£:-	4.6	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	85 Al	×	MEAN WIND SPEED
1.1 2.041 1.0 1.076 1.1 2.376 1.1 2.372 1.2 2.2 2.2 1.92 1.1 4.4 5.2 2.3711 1.2 2.4 2.3711 1.4 1.7721 1.5 2.5 1.921 1.7 5 31.9 22.1 9.2711 1.7.5 31.9 22.1 9.2711 1.8 4.9	z	2.9		1.9	-								8.7	5.0
1.070111111111	ZZ	1.1		3.									0.4	4.5
1.1 2.32111111111	¥	1.0	1.	9.									5.3	4.7
1.0 2.3723111	ENE	2.	1.3	7.									1.08	2.0
1.0 1.0 2.2 2.2 1.2 1.4 1.2 1.5 1.0 1.0 2.4 2.5 1.9 2.2 1.2 1.9 2.2 1.9 2.2 1.9 2.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1		1.1	6.3	1.				7.					204	2.6
1.0 2.2 2.2 1.7 7.8 1.8 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.2 1.9 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	ESE	1.0		0.	7.								3.7	2.6
1.0 2.4 2.2 1.9 .2 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	SE			7.7	7.7	7.							6.9	1.1
1.1 4.4 5.2 2.3 .7 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	SSE	1.0	4.4	7.7	1.9	7.							. 3	8.0
1.2 2.2 2.3 .7 .1 .1 .1 .7 .2 .3.2 .3.2 .3.2 .1 .1 .1 .1 .2 .2 .3 .2 .3.2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	50	1.1	4.4	3.6	6.3	.2							73.6	1.01
1.6 1.6 1.7 1.1 1.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	SSW	1.2	7.7	2.3	1.		•						6.9	1.0
1.4 1.2 .7 .1 3.7 1.1 1.1 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2	SW	6.	1000		7.								3.6	5.5
1.4 1.2 .7 .2 .1 1.1 1.7 .7 .2 .1 1.2 2.2 1.6 .7 .1 1.5 2.2 1.9 .2 .7 .1 .1 .1	WSW	0.	5.	7.	-:								1.07	5.3
1.1 1.7 1.7 4.3 1.5 2.2 1.6 4.3 1.5 2.2 1.9 .7 1.00.0	*	1.4		1.	7.								3.1	2.5
1.5 2.2 1.6 4.3 1.5 2.2 1.8 .7 18.4 17.5 31.9 22.1 9.2 .7 .1 .1	WWW	1,1		1.									3.4	4.7
17.5 31.9 22.1 9.2 .7 .1 .1	WM		1.3	7.5	7.5								604	7.8
17.5 31.9 22.1 9.2 .7 .1 .1	MNM	1.5	7.7	1.6									6.0	2.6
17.5 31.9 22.1 9.2 .7 .1 .1	VARBL													
31.9 22.1 9.2 .7 .1 .1	CALM	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	18.4	
		17.5		22.1		1.	.1	.1					100.0	5.2

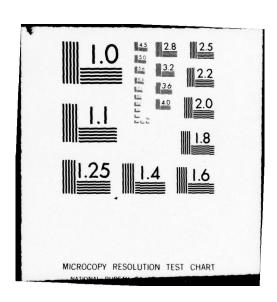
TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

93841 STATION





3.6 5.3

MEAN WIND SPEED

\*

12

22 - 27

17 - 21

11 - 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0

0

0

9.

3.9

5.5

ZZZ

ENE

ESE

0

0

1.3

3.0

3.0

3.0

4.5

0.4

0.

0.

5.8

0.4

3.1

3.5

3.6

3.9

5.7

100

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

73-77

WHITING FIELD, PLURIDA

STATION NAME

WEATHER

ALL

NOURS (L.S.T.)

MAY MONTH

CONDITION

48 - 55			
41 - 47			
34 - 40			
28 - 33			

0.

00

9.3 1.3 9

0.00

SSW

S

0

SW

1.3

SSE

9

0 9.

WSW

WWW

\*

0.

3.6

¥ Z Z

Ž

0

VARBL

000

TOTAL NUMBER OF OBSERVATIONS

153

2.2

10000

1.3

3.0

18.7

36.1

CALM

40.0

SMOS DIRNAVOCEANMET

20

93841 STATION

0

0

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL WEATHER WHITING FIELD, FLURIDA

COMBITION

03 HOURS (L.S.T.)

MAX -

YEARS

73-77

93841

0

0

0

0

0

0

0

0

0

0

0

0

•	7 . 10	11 - 16	17 - 21	n · n	28 - 33	34 . 46	41.0	4 . 55	<b>%</b>	*	MEAN WIND SPEED
3.9	9.									4.6	3.5
0	9.									2.5	3.4
										2.6	3.8
1.3										3.2	0.0
1.3										3.2	5.5
9.										1.9	2.7
+	0.									1.9	6.3
6.1	1.3									3.6	0.0
1.3	9.									3.2	9.4
4.3										206	3.0
0.	0.									206	0.0
										0.	2.0
9.2		9.								6.9	4.0
										9.	3.0
6.1										3.9	3.5
6.4										205	6.2
$\bigvee$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	45.6	
19.4	4.5	9.								100.0	2,1

=

155

TOTAL NUMBER OF OBSERVATIONS

MEAN WIND SPEED

18

48 - 55

41 - 47

3.4

4.5

3.8

0.0

3.6

1111

2.5

3.9

.3

3.2

3.3

3.7

2.0

3.9

6.1

=

155

TOTAL NUMBER OF OBSERVATIONS

2.5

100.0

37.4

#### SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, PLURIDA

WEATHER

ALL

73-77

YEARS

HOURS (L.S.T. 90

MAY MONTH

COMBITION

34 - 40 . 33 78 22 - 27 17 - 21 11 . 16 9. 9. 1.3

7 - 10

1.3

SPEED (KNTS) DIR.

4.3 6.1

.

0.7

6000

Z Z

Z

9. 0 1.3 0 .0

1.9 6.1

... 9.2

9.

0 0 0

1.9 6

WWW

\*

SSW

9.2

S

SE SE SSE

.

WSW

3

VARBL

CALM

\*XX

Ž

9.

6.5

23.2

32.3

SMOS DIRNAVOCEANMET

0

1550

0

0

93841 STATION

0

0

NAVAL WEATHER SERVICE DETACHMENT ASHEV'LLE, NC

5.8

5.2

WIND SPEED

×

g

2

22 . 27

17 - 21

11 . 16

7 - 10

4.6

1.3

KNTS)

0

0

•

1.3

3.6

Z

.

8.0

5.6 4.5

1.3

5.4 6.0

5.5

6.0 8.4 0110

9.0 1.5 5.8 0.0

5.5 6.0

200

HOURS (L.S.T. 60

MAY - 5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING PIELD, FLURIDA

WEATHER

ALL

COMBITION

8 48 - 55 . 7 4 7

0

6:1

5.0 3.6 1.3

1.3

\*

0

SSW

3.6

0.

2.0

9.

0

5.6

1.9

WWW

\*

3.6

NV.

ž

VARBL

CALM

3.6 4.5 3.4

1.3

WSW

0

3

1.3 .

9.7

0.

23 38

.

1.03

3.6

2.6

0000

Z

¥

TOTAL NUMBER OF OBSERVATIONS

155

5.3

10000

5.8

22.6

0.64

15.5

0

:

3.7

5.1

5.8 3.6 :

3.5

3.9

501

DIRNAVOCEANMET SMOS

00 18130 14351

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

(FROM HOURLY OBSERVATIONS)

WHITING FIELDS FLURIDA

93841

-

0

0

0

0

0

0

0

0

0

ALL MEATHER

12

MAY

73-77

Ē

=

155

TOTAL NUMBER OF OBSERVATIONS

(1)

0

5702 SURFACE WINDS JAN 78

SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841

0

0

0

ALL MEATHER COMBITION

15

MAY

SPEED (KNTS) DIE.	::	;	7 . 10	9 :	17.21	u . u	<b>8</b> · 8	4.8	4.0	\$ . \$	*		WIND SPEED
z	0.	1.3	9.7									4.5	0.0
Z	9.	1.9										2.6	
¥	0.	1.3										1.9	•
24			103									3.2	0.0
	9.	1.3	9.									5.0	5.0
555	9.		0.									1.3	5.0
*		0.	1.3	9.								9.2	8.5
386	9.	9.2	1.9	9.7								1.1	8.3
5	1.9	1.6	1001	1.3								29.0	-
35%		2.5	4.0	6.1								15.5	2.8
AS.		1.3	3.5									4:3	1.3
WSW	1.3	1.3	1.9									6.5	6.1
*	0.			0.								5.6	0.0
WIN	0.	1.9	0.									3.6	*:
ž	1.3	9.7	9.	0.								2.6	0.1
MMM	1.3	4.3	0.	9.								1.1	5.1
VARBL													
CALM	$\bigvee$	$\bigvee$	X	X	X	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	1.9	
	11.0	38.7	40.0	4.8								100.0	6.

=

DIRNAVOCEANMET SMOS

0

155

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER WHITING FIELD, FLURIDA

BOURS (LS.T.

MAY 18

* WIND	7.7 5.8	1.3 5.0	5.0 6.5			0.0		11.0 6.6	5.6 6.22		8.6	4.5 5.0	3.2 6.4		1.9 6.1	2.0 8.2		The second secon
48 - 55 2 2 56																		1
4.0																		The second secon
2																		Contract of the Contract of th
28 - 33																		The state of the s
n . n								-										The state of the s
17 . 21	9.								9.	3								
9 -		9.					0.	7		6 1.3	9	3	3		9.	8		A company of the second second second second
7.10	5 1.3	•	6	6	0.	.0		5 504		2.8	7 1.3	5 103	6 1 1 5	0.	•	6.1 6		
*;	3 4.5	9	6.1 6.	.1			1.9	3 4.5	1 01 2	3 1.	. 0.	6 1 . 5		•	3	5.6		Child Chamber of Control of Control of Control
:	6:1	•	•		1.3			-	3.6	1.3	•	1.9			1.3			
KINTS) DIR.	z	N.	NE	Bre	-	252	35	358		WS8	AS.	WSW	*	WAN	¥	MMM	VARBL	

DIRNAVOCEANMET SMOS

=

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

3.0

9.2

WIND SPEED SPEED

\*

3

48 - 55

17 - 21

11 - 16

7 - 10

4.0

1.3

SPEED (KNTS) DIR.

0

0

0

5.1 1.3

> Z 2 2

Z

3.0 2.3

1.3

#### SURFACE WINDS JAN 78

E

3.1

2.7

0.00

3.1

6.4

2.0

8.52

2.8 2.2

3.5

0

0 1.3

2.6

3

2 2

0

0

1.3

2.6

WSW

0

3

¥58

WHEN NA VA VARBL CALM

\*

.

.

1.3

3.9

23.9

45.2

4.3 ...

6.0

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

YEARS

ALL WEATHER

21

MAY

41 . 47 34.16 28 . 33 22 . 22

00

TOTAL NUMBER OF OBSERVATIONS

155

2.6

100.0

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0.0

93841 STATION

ALL HOURS (LST.)

MAY MONTH SURFACE WINDS JAN 78

### SURFACE WINDS

1041

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

73-77 ALL WEATHER WHITING FIELDS FLURIDA

93841

0

0

YEARS

CONDITION

0

0

0

0

0

0

0

MEAN WIND SPEED	4.4	4.5	4.3	1.4	4.5	1.6	2.0	6.0	6.0	9.9	2.0	4.1	4.3	2.1	9.0	4.6			4.1
*	1.4	,	1.02	3.3	3.1	9.7	3.1	7.0	11.9	8.4	2.3	4.4	4.1	0.5	602	2.1		21.0	0 000
8																		X	
48 . 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 . 40																		$\bigvee$	
28 - 33																		X	
22 . 27																		X	
17 - 21										:								X	•
9 10	7:	7.			•	7.	7.	. 8	6.	0.	7.	:	7.		:	7.		X	2.6
7 . 10	1.0	9.	7.			0.	0.	1.6	4.3	3.1	7.7		6.	0.	6.	1.0		$\bigvee$	. 7.7
:	3.4	1.4	1.5	9.1	507	0.	7.1	1.07	2.0	3.5	0.2	5.1	0.2	•	1.5	5.3		X	3 65
	6.3	1.9	0.1	1.4		1.1	1.6	1.1	1.7	2.1	1.9	1.1	2.2	9.	1.0	7.7		X	2 3 8 2
SPEED (KNTS) DIR.	z	N.	¥	E.	-	ESE	*	SSE		SSW	XS.	WSW	*	WNW	×	NNA	VARBL	CALM	

-

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

#### SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

WHITING FIELD, FLURIDA

ALL WEATHER

73-77

93841

0

0

0

Nouse (L.S.T.)

NO S

1	
1	
1	
•	
1	
1	

MEAN WIND SPEED	8.7 3.5	0.9 /.	2.0 5.3	1	4.0 2.5	2.7 3.0	1	3.0	3.3 3.4	2.7 3.8	1.6 /.4		6.7 2.9			5.3 3.1		0.04	
8 41																		\ \ \	
48 . 55			-							-								X	
0.10																		X	
2. 2																		X	
28 . 33																		X	
2.2																		X	
17 - 21																		X	
11 . 16																		X	
7.10	0	2		-	-		-		-	-		-						X	
;	0.0	•	2.0	1.3	•	•	1.3		6.1		1.3	1.3	1.5			1.3		X	
:	1:1			0.4	3.3	0.2	3.3	•	2.0	1.3	3.3	3.3	0.5	2.0	1.3	0.4		$\bigvee$	
SPEED (KONTS) DIR.	z	N.	¥	BNE	-	252	*	SSE	•	SSW	NS.	WSW	*	WHW	WW	NNW	VARBL	CALM	

=

150

TOTAL NUMBER OF OBSERVATIONS

1.3

21.3

35.0

1.3

3.3

# SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

000

(FROM HOURLY OBSERVATIONS)

73-77 WEATHER ALL

WHITING FIELD, FLURIDA

93841

0

0

STATION NAME

YEARS

HOURS (L.S.T.

03 MONTH

SOS

CONDITION

22 . 27

17 - 21

11 - 16

7 . 10

4.6

1.3

SPEED (KNTS) DIR.

.

1.3 7.0

3.3

Z

2 2

0.2

0.2

w

•

SS SS SS

0

3.5 3.2 2.0 5.5 1.8 3.3 3.1 5 . 3 3.0 3.0 0.0 3.6 3.7 7:2 3.1 MEAN WIND SPEED 3.0 10000 0.41 45.3 8 48 . 55 41 . 47 34 - 40 28 . 33

1.3

6.4 0.7

2.0

SSW

w

0

WSW WSW

200

\*N\* 3 3 VARBL CALM

\*

.

DIRNAVOCEANMET SMOS

SURFACE WINDS JAN 78

#### SURFACE WINDS

10

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

MERTIER ALL

73-77

YEARS

HOURS (LS.T. 90

200 MONTH

COMBITION

28 - 33

22 . 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0

2.1

0.8

0.01

...

0.7 2.0

ENE

. .

3.3

K

Z

•

100

ESE

•

25 25

.

.

0.7

2.0 5.0

SSW

•

2.3 0.2 3.2 3.0 3.6 2.2 WIND SPEED 3.3 0000 35.3 6.3 12 48 . 55 41 . 47 34 - 40

1110

3

150

TOTAL NUMBER OF OBSERVATIONS

1 . 1

22.0

38.0

0

0

CALM

1.3

2.0

NN VARBL

¥

1.3

WWW

1.7

1.3

WSW

SK

DIRNAVOCEANMET SMOS

B

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841

WHITING FIELD, FLURIDA

STATION

#### 5702 SURFACE WINDS JAN 78

SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

0

0

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL MEATHER CONDITION WHITING FIELD, FLURIDA

0.9 Inoues (1.5.T.)

5 MONTH

(KNTS)	1.3	• • •	7 - 10	11 . 16	17 - 21	22 . 27	28 · 33	34 - 40	41.4	48 - 55	% Al	×	MEAN WIND SPEED
z	0.0	0.0	1.3									11.03	3.8
W X	1.3	1.2	1.3	1.								0.0	5.6
ž	2.0	6.7										4.1	1.4
ENE	2.7	3.3	1.3									1.3	
	2.0	2.7	1.									5.3	4:4
ESE		0.2										2.7	0.0
SE		1.3	1.3									2.7	0.5
SSE	2.1											3.3	3.4
•	1.3	5.3	7.7									10.0	5.9
SSW		0.4										0.4	2.1
SW.		3.3										3.3	8.6
WSW	0.2	0.2	7.7									100	2.4
*	3.3	0.	2.0									6.6	7.6
WWW		2.7	1.									0.4	5.3
¥		1.5											2.0
NNN	7.7	7.7	1.3									0.1	4.2
VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	0.8							
	26.7	0.84	16.0	1.3								100.0	4.4

1

0

==

150

944444449999994

100

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

ALL WEATHER

12 HOURS (L.E.T.)

200 BORTH

COMBITION

Commence of the last	MEAN WIND SPEED	*	9	5			5.	*	0		-	3.	-						5.
	×	0.01	2.7	0.4	6.7	5.3	2.7	3.3	0.4	6.6	1001	3.3	1.0	0.8	4.7	0.4	2.9	8.0	100.0
	<b>35</b>																	X	
	48 - 55																	X	
	41.0																	X	
The state of the s	34 - 40																	X	
	28 - 33																	X	
	<i>u</i> · <i>u</i>																	X	
The second second	17 - 21																	X	

TOTAL NUMBER OF OBSERVATIONS

1.3

24.7

50.7

15.3

CALM

2.0

0.4

WWW N N VARBL

\*

.

0.4

2.0

• 4.7

6.1

WSW WSW

SSW

5.0

6.1

3.3

1.3

•

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0 0

1.3

1.3

. .

.

7.2

. ..

. 1

2.0

Z Z Z 1.3 5.5

2 200

1.3

2 2

ESE

\*

WHITING FIELD, FLURIDA

93841 STATION

11 . 16

7 - 10

1.3

SPEED (KNTS) DIR.

0

=

150

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLORIDA

93841 STATION

0

0

0

0

0

ALL WEATHER

1	
1	
1	
1	
ı	
,	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
ı	
ı	
1	
1	
1	
1	
ı	
1	
ł	
1	
1	
1	
1	
1	
Г	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
٠	
•	

COMBITION

HOURS (1.5.T.)

13 MONTH

-	1.3	• ;	7 . 10	11 . 15	17 - 21	22 - 27	28 - 33	3.2	4.4	48 - 55	<b>%</b>	×	WIND WIND SPEED
z	1.3	0.4	2.0	1.								8.0	6.3
NN		2.0	1.									3.3	5.2
w Z		1.3	1.	1.								2.1	7.8
ENE		0.2										3.3	2.0
		6.1										201	2.0
ESE			2.0									3.3	200
SE		1.	207									00%	0.1
SSE		1.	2.0									2.7	9.0
•		4.1	14.0	1.								0.02	1.6
SSW		5.3	10.0	1.3								1001	7.6
NS.		6.1										2.0	6.9
WSW		3.3	1.53									4.1	6.3
*		5.3	2.0									5.3	6.0
WWW	2.0	1.3										3.3	3.4
¥		1.0	.1									2.0	0.0
NNN	2.0	1.5	1.3									8.0	4.8
VARBL													
CALM	$\bigvee$	X	X	$\bigvee$	0.8								
	6.3	38.0	41.3	3.3								100.0	0.9

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

18

3 -

COMBITION

	;	7 . 10	11 - 16	17.21	n. n	28 - 33	2. 2	41.0	4 . 35	<b>3</b>	*	MEAN WIND SPEED
0.8	0	0.5									12.0	5.1
-	1.3										2.0	7.3
2	2.7										3.3	3.6
	1.										1.3	3.5
	0.2										7.7	4.5
	1.3										2.0	0.0
		1.										0.8
	0.6										1.3	4.5
_	10.1	10.0									22.0	0.9
	0.9										13.3	5.8
	4.7	2.1									0.9	0.9
	5.3	1.3									8.1	4:1
	1.2										4.7	3.7
	1.3	1.									0.2	0.0
		. 7										0.
	1.7	1.									1.5	1:0
$\wedge$	V	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	1.9	
14.0 5	55.3	23.3	.7								10000	4.9
									-		-	

DIRNAVOCEANMET SMOS

0

0

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

WHITING FIELDS FLORIDA

#### SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

73-77

WHITING FIELD, FLURIDA

93841

0

0

0

0

0

0

0

0

0

0

0

0

10

10

ALL WEATHER

21 HOURS (L.S.T.) MONTH

Z S S

MEAN WIND SPEED	3.5	3.7	3.6	3.8	3.0	0.0	6.9	3.9	3.7	4.3	500	3.2	3.1		4.4	5.5			2.4
*	8.1	0.4	3.4	2.1	2.0	0.5	2.1	4.1	100	0.0	4.1	0.0	200		4.1	2.7		28.9	100.0
<b>%</b>																		X	
8 . 35																		X	
41.0																		X	
34 - 40																		X	
28 · 33																		X	
z · z																		X	
17 . 21																		X	
1 . 16																		X	. 7
7 . 10	1.														1.3			X	2.7
• •	3.4	2.0	0.2	7.3		1.3	2.7	3.4	4.1	3.4	1.	0.5	0.2		1.	1.3		X	31.5
.:	4.1	2.0	1.3	1.3	1.3			1.3	2.4	2.0	0.4	0.4	4.1		2.7			X	36.2
SPEED (KNTS) DIR.	z	W.	¥	ENE	•	ESE	35	SSE	•	SSW	NS.	WSW	*	WNW	NW	NNW	VARBL	CALM	

108

149

SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0 0

73-77

WHITING FIELD, FLURIDA

93841

0

0

0

0

0

0

ALL WEATHER

YEARS

ALL HOURS (LS.T.)

NO.

;	7.10	11 . 16	17 - 21	n . n	28 - 33	34 . 46	41.4	8 . 55	<b>%</b>	×	MEAN WIND SPEED
5.6	1.3	:								11.7	200
1.6	5.	7.								3.3	4.8
1.0	7.	:								3,3	4.3
2.2	.5									1.5	4.3
1.0	5.									4.4	3.6
::1	4.									5.5	404
0.1	1.									2.6	4.9
1.0	4.									1.6	4.6
6.4	0.0	6.								9.6	0.0
3.3	2.0	7.								701	0.1
1.1	6.5									3.7	2.0
7.7	1.3	•								5.3	6.8
3.0										5.0	3.9
0.1	7.									5.3	4.5
1.6	6.									3.1	204
6.3	••	•								6.4	4.1
X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	22.5	
35.0	14.3	6.								100.0	3.6

=

=

1199

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

===

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

300

SURFACE WINDS

WEATHER ALL

73-77

WHITING FIELD, FLURIDA

NOUNS CLS.T.

100 MONTH

COMBITION

6.9 3.0 2.0 2.5 3.4 1.6 6.2 0.0 3.0 3.2 4.7 3: 4.3 3.2 MEAN WIND SPEED 3.9 3.5 5.0 9.2 1.3 5.6 5.8 3.6 5.0 9006 3.6 10000 × 12 48 - 55 41 - 47 34 . 40 28 . 33 22 - 27 17 . 21 11 - 16 1.3 1.9 9. 7 - 10 13.0 ... .0 3.6 00 .. 7. . 4.0 2.00 34.4 6.1 2002 1.3 SPEED (KNTS) DIR. WWW VARBL Z Z SSW WSW CALM Z Z ž ESE SSE SK 3 v \*

TOTAL NUMBER OF OBSERVATIONS

0

0

0

154

SMOS DIRNAVOCEANMET

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

()

0

0

0

0

0

93841 STATION

5702 SURFACE WINDS JAN 78

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

WHITING FIELD, FLURIDA

93841

0

YEARS ALL WEATHER COMDITION

03 HOURS (1.5.T.)

100

MEAN WIND SPEED	2.7	2.8	5.3	3.0	5.3	2.0	2.0	9.5		1.1		-	3.0	4.7	3.7	2.0			1.2
*	4.5	3.2	4.3	1.3	1.0	9.	1.9	1.3		9		3.7	0.0	2.6	1.9	206		1.96	100.0
<b>%</b>																		$\bigvee$	
48 . 55																		$\bigvee$	
41.0																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17.21																		X	
91 . 10				1			1	0.										X	9.
7 - 10			1	1	1			9.										X	9.
*;	1.3	4	2	A.		1	1					1.9	2.0	9	1.3			X	9.0
1.3	3.2	200	5 7	4		9					1.9	1.9	3.9	4.5	9.	3.2		X	31.6
SPEED (KNTS) DIR.	1	2	3	ž	ž.		2	38	5	SSW	*S	WSW	3	3	7	N. A.	VARBL	CALM	

200

808

155

5.2

3.6

607

1.

MEAN WIND SPEED

×

20

48 . 55

41 . 47

0.0

5.0 3.6

SURFACE WINDS JAN 78

5.0

3.9 6.1

3.3

0.0

0. 0

8.0

9.

SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841 STATION

0

ALL WEATHER

06 HOURS (L.S.T.)

3 MONTH

34 . 26		
28 . 33		
22 . 27		
17 . 21		
11 . 16		
7 - 10		

4.6

1.3

SPEED (KNTS) DIR.

110

3.0

3.4

0 0 0 0

3.3 3.2

4.3

3.6 206

TOTAL NUMBER OF OBSERVATIONS

155

1.7

100.0

49.7

\*\*\*

DIRNAVOCEANMET SMOS

20

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

9.

9.7 0.2 0. 0

5.0

ENE

W.

1.3

25 25 SSE

0

3.6

Z

0

3.9 1.3 0.

WSW

SSW

w

2007

NN.

\*

VARBL CALM

N.

ž

0

0

O

20.02

28.4

0

Oh

### SURFACE WINDS

9200

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 60 100 73-77 ALL WEATHER WHITING FIELD, FLORIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SPEED (KNTS) DIR.	:	•••	7 . 10	91 . 11	17 . 21	22 - 27	28 - 33	34 - 40	41.4	48 - 55	% AI	*	MEAN WIND SPEED
z	:	5.6	0.									12.9	3.1
N.	2.0		1.3									2.5	4.4
¥	3.2	2.6										6.9	3.1
S.		9.	0.									1.3	0.0
_	2.0	9.6	7.5									4.0	4.
ESE	1.3											1.3	5.5
35	1.9	9.										2.0	3,3
SSE	9.	9.										1.3	3.5
8	9.	1.9	1.3									3.9	5.3
SSW		6.1	9.									5.0	5.3
NS.	1.3	9.	9.									5.0	0.4
WSW	3.9	1.3										206	3.0
*	9.2	3.9	1.9									4.0	4.8
WWW	1.3	3.6	1.3									5.6	4.4
ž	1.3	1.,	1.9									10.3	5.1
NNW	3.2	2.0	9.									6.9	4.0
VARBL													
CALM	X	$\bigvee$	X	X	$\bigvee$	15.5							
	33.5	37.4	13.5									100.0	3.6

E

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

12 HOURS (L.S.T.)

100

SURFACE WINDS JAN 78

#### SURFACE WINDS

1

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

WHITING FIELDS FLURIDA

93841

0

0

0

0

0

0

0

0

MEAN WIND SPEED	4.6	4.	5.5	5.9	2.0	2.4	2.1	4.9	7.9	6.9	***	0.6		0.1		7.4			4.3
*	1.0	5.8	5.0	4.5	6.0	308	205	1.	3.6	5.5	2.8	4.5	1.01	6.1	6.0	10.3		15.9	100.0
8																		X	
8 - 55																		X	
41.47																		$\bigvee$	
34 . 40																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21																		$\bigvee$	
5 5												1.3						X	1.3
7 - 10	1.3	0.		1.3	9.7	9.	1.3	1.9	9.		1.5	1.9		9.	9.	1.3		X	16.1
*	4.5	3.9		3.6	9.2	5.0	6.1	9.7	1.3	7.0	1.3	1.3	4.3	4.3	4.5	5.9		X	41.3
	3.9	1.3	5.5		1.3		6.1	5.5		0.	3.6		3.6		1.3	2.6		X	28.4
SPEED (KNTS) DIR.	z	Z.	¥	EK.	-	ESE	25	SSE	s	SSW	AS.	WSW	*	WNW	¥	NNN	VARBL	CALM	

=

0

0

D

155

### SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLUPIDA

93841 STATION

0

0

0

0

0

0

0

0

0

0

0

YEARS

ALL WEATHER

15

3

COMDITION

1.3 1.9 1.3 1.9 1.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	SPEED (KNTS) DIR.	1.3	9.7	7 . 10	11 . 16	17 - 21	22 - 27	28 - 33	34 . 40	41.47	48 - 55	% AI	*	MEAN WIND SPEED
3.2 4.4.5 34.8 2.6		1.3	1.9										3.2	2.4
3.2 2.6 .0 3.6 1.9 .0 3.7 12.3 .0 3.8 9.7 12.3 .0 4.5 8.4 .0 1.9 1.3 1.9 3.2 1.3 1.9 3.2 1.3 1.9 3.2 1.3 1.9 3.2 1.3	N.	9.	1.3	1.3									3.6	0.0
1.9 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0		0.	5.6	0.									3.9	5.3
1.9 .0 1.3 .0 3.9 .0 4.5 3.4 .0 3.2 1.9 3.2 1.3 3.2 1.3 3.2 1.3 4.5 34.8 2.6	ENE		0.	9.									1.3	1.0
1.9 3.2 44.5 34.8 2.6		9.	1.9										2.6	4.5
1.9 3.2 9.7 12.3 .6  3.2 9.7 12.3 .6  1.9 3.2 .6  1.9 3.2 .6  1.9 3.2 1.3  1.0 3.2 1.3  1.1 3.5 44.5 34.8 2.6		0.		0.									1.3	2.0
3.2 9.1 12.3 .0 4.5 6.4 .0 1.9 3.2 .0 1.9 3.2 2.0 1.9 3.2 1.3 1.0 3.2 1.3 1.0 3.2 1.3 1.0 3.2 1.3			6.1	9.									1.09	5.3
3.2 9.7 12.3 .6 4.5 6.4 .6 1.9 3.2 .6 1.9 3.9 2.6 1.9 3.2 1.3 .6 3.2 1.3 .6 3.2 1.3 .6 3.2 1.3 .6 3.2 1.3		0.	3.9	9.									2.5	5.0
1.9 2.0 1.9 1.3 1.9 3.2 .0 1.9 3.2 2.0 1.9 3.2 1.3 1.9 3.2 1.3 1.9 3.2 1.3		3.6	1.6	12.3	0.								8963	9.0
1.9 3.2 i.9			4.5	4.0	0.								13,5	-
1.7 3.2 .6 1.9 3.2 1.3 1.9 3.2 1.3 1.0 3.2 1.3 1.13.5 44.5 34.8 2.6			2.0	1.9	1.3								5.8	1.6
1.9 3.9 2.0 1.9 3.2 1.3 .6 3.2 1.3 .6 3.2 1.3 .6 3.2 1.3 .6 3.2 1.3		1.9	3.6	9.									5.8	4.5
13,5 44.5 34.8 2.6		9.	5.6	5.0									1.1	6.5
.6 3.2 1.3 .6 3.2 1.3 .6 3.4.9 34.8 2.6		1.9	3.6										6.9	4.5
13,5 44.5 34.8 2.6		9.	9.										3.2	0.9
13,5 44.5 34.8 2.6		9.	3.5	1.3									2.6	5.3
13,5 44.5 34.8 2.6	_									-				
44.5 34.8 2.6		$\bigvee$	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	4.5	
		13,5		34.8	2.6								100.0	5.8

8999

155

### SURFACE WINDS

E

HOURS (L.S.T.) 18 100

YEARS

73-77

WHITING FIELDS FLURIDA

93841 STATION ALL WEATHER

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

COMBITION

SPEED (KNTS) DIR.	1.3	•	7 . 10	11 . 16	17 . 21	22 - 27	28 - 33	34 . 45	41 - 47	48 - 55	% Al	×	MEAN WIND SPEED
z	1.3	9.7	1.3									2.6	5.1
N.	9.	9.										1.3	3.0
w z			9.									9.	9.0
ENE		9.										0.	0.0
	1.9	6.1	0.									4.3	4.9
ESE	0.	0.										1.3	3.5
35	0.	0	1.53									0.2	5.8
SSE	9.	2.0	9.									3.9	
so	3.2	10.3	9.									7.41	4.0
SSW	1.3	0.6										13.5	3.5
3W	1.3	1.1	1.9	9.								0.11	2.3
WSW		0.0	1.53	9.								9 . 6	2.5
*	1.9	9.6	1.99									1.1	4.9
WNW	1.3	9.	9.	9.								308	0.0
ž		2.0	9.									3.6	2.6
NNN		3.6		0.								3.9	0.0
VARBL													
CALM	X	X	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	2.41	
	14.8	53.5	14.8	2.6								100.0	4.5

198

-

155

5702 SURFACE WINDS JAN 78

#### SURFACE WINDS

3000

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER COMDITION CLASS WHITING FIELDS FLURIDA

HOURS (L.S.T.) 21 100

MEAN WIND SPEED	4.4	3.7	2.0	2.0	3.0	0.4	3.0	3.0	5.5	3.6	3.1	0.0	3.6		2.0	2.1			2.3
*	3.6	1.9	1.3	0.	4.5	1.3	0.	2.0	2.5	6.0	11.0	1.1	6.1	3.9	1.3	4.5		34.2	100.0
% AI																		X	
48 · 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 · 40																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 27																		$\bigvee$	
17 - 21																		X	
																		X	
7 - 10	1.3									9.	9.	0.		•				X	3.9
4.4		6.4		0.	7.00	4.5		1.3	6.3	7.1	2.0	3.9	4.5	0.3		4.5		X	24.5
::	1.9	0	1.3		7.0		0	1.3	3.9	3.9	1.	3.6	2.6	0.	1.3	3.6		X	37.4
SPEED (KNTS) DIR.	z	N.	¥	ER.		ESE	35	SSE	5	SSW	*S	WSW	*	WNW	ž	NNN	VARBL	CALM	

200

1881

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

0

0

0

0

0

10

19866 STATION

0

3.8

MEAN WIND SPEED

9:50

4.5

1.0

1.4

100

1239

TOTAL NUMBER OF OBSERVATIONS

3.1

SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

NO

73-77

WHITING FIELDS FLURIDA

93841

0

0

0

ALL WEATHER

ALL HOURS (L.S.T.) YEARS

JU.

CONDITION

SPEED (KNTS) DIR.

0

W.

Z ENE

0

25 SE

4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 256  5.4 1.0 1.4 4.5 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2											L		L			L			
4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.35 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	×	6.0	3.1	3.1	1.01	4.3	601	102	8.2	1.0	4.9	3.0	5.9	1.0	6.4	0.4	206	6.67	100.0
4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47  5 1.1	256																	X	
4.6 7.10 11.16 17.21 22.27 28.33 34.40  2.4	48 - 55																	X	
4.6 7.10 11.16 17.21 22.27 28.33  2.4 .0 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	41 - 47													*				X	
4.6 7.10 11.16 17.21 22.27  2.40  1.97  2.1  3.0  4.6  5.1  6.2  7.3  8.4  9.5  1.5  1.6  1.7  1.7  2.8  1.9  1.9  2.1  3.0  1.0  1.0  2.1  3.0  4.1  5.1  5.2  6.3  7.4  7.5  8.7  9.8  1.9  1.9  1.0  1.	34 - 40																	$\bigvee$	
4.6 7.10 11.16 17.21  4.6 7.10 11.16 17.21  4.7 9.7 9.7 9.1  4.8 9.9 9.7 9.1  5.9 9.9 9.1  5.0 9	28 - 33																	$\bigvee$	
2. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	22 - 27																	$\bigvee$	
1.6 7.10 11. 2.4 1.0 7. 1.10 1.10 1.10 1.10 1.10 1.10 1.	17 - 21																	$\bigvee$	
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11 - 16									-	-	7.	7.		7.		1.	$\bigvee$	6.
	7 - 10	0.	4.	7.			6.	4.	• 2	1.99	1.0	•	9.		0.		5.	X	10.9
5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	• •		1.1	0.1		1.9	0.	9.	1.5		4.2	4.3	3.0	3.0	7.0	202	6.3	X	30.5
-	1.3	3.0	1.3	1.9	6.	1.0	6.	0.1		1.0		5.5	1.2	3.1	2.0	1:1	2.5	X	27.8

WNW

NN

VARBL CALM

WSW

0

\*

SW

SSW

s

2.5

5.6 3.6 7.5

WIND SPEED

3.4

6.5

2.7

6.1

=

2.8 3.0

1.3

5.5 0.4

6.5

3.1

3.0

#### SURFACE WINDS

28

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

93841

73-77

YEARS

NEAT LER

ALL

00

AUG -

8 48 - 55 41 . 47 34 - 40 28 . 33 22.27 17 - 21 11 . 16 . 7 . 10 6.0 1.5 0. . . 6.4 0 0 0 4 . 6 2000 2002 6:1 1.3

TOTAL NUMBER OF OBSERVATIONS

155

1.0

10000

9.

11.0

46.5

\*

NAW VARBL

CALM

MSM

\*

3

SSW

Z

0

E E

¥

ESE

-

\*

25.

•

6119

=

121

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS JAN 78 5702

#### SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

WHITING FIELD, FLUZIDA

93841 STATION

73-77

HOURS (L.S.T.)

03 MONTH

AUG

CONDITION

MEAN WIND SPEED	3.1	2.8	2.8	704	3.0	3.4	3.5	0.5		3.3	2.5	613		2.0	3.3	9.2			1.5
×	10.3	7.7	7.1	3.6	2.6	3.6	1.9	0.		1.03	1.03	1.9		0.	1.9	4.5		4.8.4	100.0
8																		$\bigvee$	
48 . 55																		X	
41.0																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33																		$\bigvee$	
n · n																		$\bigvee$	
17 . 21																		X	
92 . 11																		X	
7 . 10																		X	
• •	4.5	1.9	6.5	9.2	6.1	1.9	9.			0.					0.	6.3		X	17.4
.:	5.6	5.8	5.8	9.	3.9	1.3	1.3	•		9.	1,3	1.9		9.	1.3	3.6		X	34.2
SPEED (KNTS) DIR.	z	N.	¥	ENE	w	ESE	SE	SSE	s	ASS	NS.	WSW	*	WWW	¥	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

()

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

5.5 5.5 5.5

0.11 5.2

MEAN WIND SPEED

8

3.0 0.2

3.6

5.2 1.

888

3.3 3.0 0.4 0.0 3.5 5.5 2.0 . 00

6.1

0.0

155

1.7

100.0

3.9

44.5

1.3

SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

COMBITION

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

N N N

0

9. c.

MSM

3

SSW

388

•

6.1

WAN NA SA

\*

...

VARBL CALA

15.5

38.7

HOURS (L.S.T.) AUG 90

7 . 10

4.6

1.3

SPEED (KNTS)

22.27

1.3 3.6

1.3 2.0 3.6

> ESE 3

WHITING FIELD, FLURIDA

WEATHER

ALL

93841 STATION

3

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER CONDITION WHITING FIELD, FLORIDA

•	7 . 10 . 1	11 . 16	17 - 21	<b>n</b> · <b>n</b>	28 - 33	34 . 45	41.0	48 - 55	<b>%</b>	*	MEAN WIND SPEED
1	-									1.	3.5
	0.									3.9	3.6
										8.4	1.4
1	1.3									3.9	5.5
1	1.99									15.5	700
	9.									5.8	2.0
										1.1	3.5
										2.5	3.9
										1.9	3.3
										1.09	3.0
										1.3	3.0
										1.9	3.3
										5.8	3,3
										5.6	5.3
										4.5	3.6
	9.									6.9	3.3
	$\langle \rangle$	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	10.1	
	8.2									100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

155

===

DIRNAVOCEANMET SMOS

93841

AUG

NOURS (LS.T.)

12 HOURS (L.S.T.)

AUG

SURFACE WINDS JAN 78

#### NEEDBERKERKER

SPEED (KNTS) DIR.	- · · ·	9:	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41.4	48 . 55	8	×	MEAN WIND SPEED
z	3.9	9.2	9.									7.1	4.2
N.	9.	2.6										3.2	4.8
Z	3.9		0.									1.1	3.8
ENE	1.9	3.6	1.5									7.1	4.1
-	2.5	4.5	306									10.3	6.4
555	1.3	9.7	9.									4.5	4.4
*	1.3	3.6	3.9									5.00	0.0
356	3.6	1.5	103									6.0	4.1
s	1.9	4.5	4.5									11.0	2.6
SSW	9.		0.									9.2	2.5
SW	9.	1.3	0.									9.7	4.5
WSW	0.	3.1		9.								3.5	9.0
*	1.3	1.3	9.									20€	7.5
WWW	9.	1.3										6.1	3.7
M	2.6	3.8										20.0	3.7
NNN	1.9	4.5	1.3									1.1	4.5
VARBL													
CALM	X	X	X	$\bigvee$	1.1								
	29.0	43.2	20.0	9.								100.0	4.5
							100						

3

188

155

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

3886

SURFACE WINDS

WHITING FIELD, FLURIDA

93841 STATION

73-77

ALL WEATHER

YEARS

CONDITION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

DIRNAVOCEANMET SMOS

=

155

TOTAL NUMBER OF OBSERVATIONS

### SURFACE WINDS

HE

HOURS (L.S.T.)

AUG 15

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS) 73-77 WHITING FIELDS FLURIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL WEATHER

8** 0*001	.6 7.10 11.16 17.21
	9.
	1.3
	9.
	1.03
	0.
	9.
	3.9
	9.7 7.7 1.3
	3
	9.
	103
~	
3.7 2.7	9.
3.6	
3.6	
100.0 4.8	
	45.0 21.3 1.9

000

0

0

0

0

0

93841

DIRNAVOCEANMET SMOS

3.6 3.2

MEAN WIND SPEED

88

. 27

2

17 - 21

11 - 16

7 - 10

4.0

1.3

SPEED (KNTS) DIR.

3.6

z

0

1.3

3.5

3.3 0.4 7.4 9.0

3.8

AUG

HOURS (L.S.T.)

18 MONTH

200

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

73-77

WHITING PIELD, FLURIDA

93841 STATION

YEARS

MEATHER ALL

CONDITION

4.8 6.5 2.6 3.2 0. 3.6 3.9 1001 11.0 4.3 8.5 14.2 100.0 × 3 48 - 55 41 . 47 34 . 40 3

0

1.3

3.3

3.5 4.9

WSW WSW

SSW

\*

9

1.3

5 5

2 2 2

0

6.9 9.7

2.0

N N N

()

3696

4.4

1.0

2.5 3.9

6.9

155

TOTAL NUMBER OF OBSERVATIONS

2.5

47.1

33.5

1.3

...

VARBL

CALM

0

1.9

WWW

\*

N N

3.4

SURFACE WINDS JAN 78

### SURFACE WINDS

Ê

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MHITING FIELDS FLURIDA

93841

ALL WEATHER

YEARS

COMBITION

21

AUG

0.001  0.001  0.001  0.004  0.005  0.006  0.006  0.007  0.	7.10 11.16 17.21 22.27
0.001 0.004 0.004 0.001	1
0.001	
0.00.1	
0.00 6.1 6.1 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	
0.001	9.
0.001	
0.001 0.001	9.
0°001	
0°001 0°00+ 2°6 0°1 6°1 6°1 2°6	
0.00	
0.00 4 40.00 1 100.00 1	
0.00+ 40.00	
0.001	
0.001	
	X
	1.3

0

0

0

0

0

0

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS WEATHER ALL

73-77

WHITING FIELD, FLURIDA

ALL MOURE (LST.)

AUG -

3.8 0.4 4.9 2.0 4.5 3.8 0 3.4 0 3.2 2.8 3.2 3.3 MEAN WIND SPEED 3.6 8.6 3.1 2017 8 . 4 5.3 5.0 3.6 3.8 3.1 1.8 0.6 10000 200 48 . 55 41 . 47 \$ 2 28 - 33 . 27 2 17 - 21 7. : . : 11 . 16 6.0 1.0 0 0 1.0 9. 7. 7. 2. \* 7 - 10 1.3 29.62 1.3 35.9 .. SPEED WITS WWW VARBL WSW \* \* CALM Ž 2 2 2 2 SSW ESE \* 3 • z •

1688

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

0

0

0

0

O's

1240

### SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

00

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, PLURIDA

93841 STATION

0

0

0

YEARS

ALL MEATHER

HOURS (L.S.T.) 8

SEP -

COMBITION

MEAN WIND SPEED	3.0	2.4	3.1	5.0	3.4	3.3	9.2	2.0	2.0	5,3	2.0	3.3	2.3	5.5	214	6.3
*	10.0	0.4	5,3	8.7	13.3	1.9	303	•		2.0	•	4.7	4.1	1.3	3.3	0.9
8																
48 - 55																
41.4																
34.45																
28 - 33																
12 . 17																
17 . 21																
11 - 16 17 - 21																
7 - 10	1.	1.3			1.					1.					1.	
4.4	0.0		2.7	1.3	4.1		1.			1.		7.0			1.3	3.3

SPEED (KNTS) DIR.

X

z

0

2 2

ESE

0

.

38

TOTAL NUMBER OF OBSERVATIONS

150

2.8

10000

0.4

29.3

45.0

SSW WSW WSW

\*

0

----

WWW NA NA

\*

0

0

VARBL

350

0

24.0

=

DIRNAVOCEANMET SMOS

0

0

3888

SURFACE WINDS

I

HOURS (L.S.T.)

03 MONTH

SEP

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER

COMDITION

0.4 6.3 3.8 0.4 8 . 4 2.3 5.5 4.5 5.0 0.5 0. 5.5 2.8 2.8 : MEAN WIND SPEED 8.0 12.0 201 2.7 7.7 4.1 30.0 100.0 12 48 . 55 41 - 47 34 - 40 28 - 33 . 27 22 17 . 21 11 . 16 1.3 1. 4.03 . 2.1 . . 7 . 10 26.0 3.3 0. 0.0 4.0.3 . 4.0 1.3 35.3 2 2 2 2.0 2.0 7.7 1.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

WHITING FIELD, FLURIDA

0

Ž ZZ

z

25 25 SSE

WSW WSW

SSW

•

WWW

\*

ž

VARBL NN.

CALM

#### 5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

Ē

HOURS (L.S.T.) 90 SEP

SURFACE WINDS

YEARS 73-77 ALL WEATHER WHITING FIELD, FLURIDA STATION NAME

CONDITION

48 - 55   2-56 % WIND SPEED
15.3
(KNTS)

DIRNAVOCEANMET SMOS

-

150

TOTAL NUMBER OF OBSERVATIONS

5.6

WIND SPEED

5.1

6.5

5.3

5.3 .5

3.0

4.8

3.3

0.0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

2

SURFACE WINDS

WHITING FIELD, FLURIDA

XEATTER. ALL

STATION NAME

73-77

YEARS

HOURS (L.S.T.

60 -

SEP

4.6

1.3

SPEED (KNTS) DIR.

2.4

ESE

3

0.7

0.5

\*

SSE

3.3

E.

Z Z

COMDITION

12.7 0.0 60127777 100.0 8 12 48 - 55 41 - 47 34 - 40 28 . 33 22 . 27 .7 . 17 . 21 1.3 . 11 . 16 22.0 3.3 2:3 0.4 0.4 2.0 1.3 . • -7 - 10 40.7 6.1 2.3 0.7 1.3 ., 6.1 0.7 4.0 10.7 . 1.7

TOTAL NUMBER OF OBSERVATIONS

150

4.1

DIRNAVOCEANMET SMOS

93841

26.7

2.0 3.3

> VARBL CALM

NN.

ž

...

WW.

WSW

SW

SSW

5.5

4:1

4 - 27.4

0.6 3.1

9.0 4.0

0.01

MEAN WIND SPEED

17 - 21

11 - 16

7 - 10

1.3

SPEED (KNTS) DIR.

1.3

N.

z

Z Z

w

201

5.3

4.

3.3

1.3

1.3 6.1

2000

1.7

000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841 STATION

STATION NAME

CONDITION

ALL WEATHER

12 HOURS (L.S.T.)

SEP MONTH

> 2.0 0.3

2.5

SSE SSE

2.00 007

1.2 .

SSW

S

1.3 0.4

0.0

1.3 .

WSW

₹

₹ S

.

WWW N N VARBL CALM

707

0.

0.2

3.0

3.3

4.0

5.3

3.6 8.0 8.5 2.0

0000

6.0 3.0

5.5

8

5.5

2.1

150

TOTAL NUMBER OF OBSERVATIONS

31.3

42.7

20.7

DIRNAVOCEANMET

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

388

SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

WHITING FIELD, FLURIDA

93841

ALL

YEARS

WEATHER

15 HOURS (L.S.T.)

SEP MONTH

COMBITION

MEAN WIND SPEED	0.1	5.7	2.9	5.5	4 . 4	7.0	2.6	2.0	1.0	1.1	7.2	6.5	2.0	4.3	9.8	4.4			5.7
*	13.3	0.9	6.1	1.0	100	7.	1.2	5.5	13.3	1.3	0.4	1.02	0.0	0.4	3.3	1.03		3.3	100.0
<b>%</b>																		$\bigvee$	
48 - 55																		$\bigvee$	
41.40																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		X	
17 . 21																		$\bigvee$	۲.
91 . 11									1.	1.03					1.			$\setminus$	3.3
7 - 10	0.0	1.3	3.3	1.3	1.3		1.		5.3	3.3	0.2	103	1.3	1.	1.3	1.3		X	32.0
*:	5.3	4.0	3.3	3.3	1.2		0.2	0.4	1.5	1.2	0.2	1.3	2.1	2.0		3.3		X	44.0
::	2.0	1.	1.	1.3	2.7				2.0				2.0	1.3	1.	2.7		X	16.7
SPEED (KNTS) DIR.	z	ZZ	Z	ENE	-	ESE	38	SSE	8	WSS	WS	MSM	*	MAN	3	MNA	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

130

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

8888

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 WHITING FIELD, FLURIDA

ALL WEATHER

YEARS

18 HOURS (L.S.T.)

SEP MONTH

CONDITION

1.3	•	7 - 10	11 . 16	17 - 21	22 . 27	28 · 33	34 . 40	4.4	48 - 55	8	×	WIND SPEED
1.3	5.5	1.	1.								111.3	4.4
2.7	2.0										4.1	3.4
0.9	0.2	1.									8.7	3.
	1.	1.									2.0	200
1.3	5.5	1.3									8.0	
	3,3										3.3	3.0
7.7	1.										3.3	3.6
	1.										1.3	2.8
3.3	0.0	1.3									15.7	*
5.0	5.5	1.									0.0	*
	2.1	1.									3.3	
	0.2										2.0	*
3.3	1.	1.									4.7	3.4
	6.5										1.3	
	2.0	1.									3.3	2.5
1.4	0.2										7.3	3.
V	X	X	X	X	X	$\bigvee$	$\bigvee$	X	X	$\setminus$	16.7	
32.7	42.0	0.8	.7								100.0	3.5

=

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

SURFACE WINDS

2

21 NOVES (L.S.T.)

SEP

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

YEARS 73-77 ALL WEATHER WHITING FIELDS FLURIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CONDITION

SPEED (KINTS)	::	:	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41.47	48 . 55	8	*	MEAN WIND SPEED
z	10.0	3.3										14.0	3.5
NNE	2.0	613	.7									4.0	6.3
Z.	2.0	1.3										3.3	3.8
ENE	5.0	0.0	1.3									6.6	4.6
-	2.1	5.3	1.3									7.3	4.5
135	3.3	7.0										5.3	3.8
*	1.3											1.3	
<b>3</b> 26		1.											
	0.2	1.										1.2	5.3
SSW	1.3	1.3										201	3.8
NS.	1.3											1.3	5.5
WSW	1.02	1.										3.3	3.4
*	5.3											0.0	4.2
WWW		1.										1.03	0.0
MW	3.3	1.3										4.1	5.9
MMM	2.7	0.4	.1									1.3	4.5
VARBL												,	
CALM	X	$\bigvee$	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	X	X	$\bigvee$	25.3	
	42.7	27.3	4.7									100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

93841 STATION

0

0

0

5702 SURFACE WINDS JAN 78

SURFACE WINDS

E

ALL HOURS (L.S.T.)

SEP MONTH

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841 STATION

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1.3	9.	7 - 10	1 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	8	*	WIND SPEED
z	2.5	2.7	2.5									13.1	4.
W.Z	7.2	1.3	1:1	:								4.1	4.
Z	6.2	6.5	1.3									1.1	5.4
ENE	2.2	2.1	1.1	•								1.6	6.4
-	3.0	3.4	10.7	•								901	4.0
ESE	c.	1.5	1.									6.2	106
SE	7.1	::	5.									1.02	5 . 4
SSE	0.	7.1	*•	:								7.2	2.0
8	1.5	7.7	1.1	-:	7.							0.0	2.0
SSW		7.7	1.0	7.								3.4	201
NS.	*.	0:1										7.07	5.3
WSW	1.0	1:1	7.	1.								5.4	4.3
*	3.1	1.3	9.									0.6	3.7
WWW	1.0		•		₹•							5.2	6.4
¥	1.7	0.1		-:								2.6	60€
NNA	3.0	6.2										1.0	614
VARBL													
CALM	X	X	X	$\bigvee$	16.5								
	31.3	35.7	15.2	1.1	.2	.1						10000	3.9

DIRNAVOCEANMET SMOS

3

-

1200

TOTAL NUMBER OF OBSERVATIONS

1:

4.3

WIND SPEED

. 27 22

17 . 21

11 - 16

7 . 10

4.6

-:3

SPEED PIES

0

3.9

2.0

2 2 6 6 1

9.

000

1.3

3.4

3.2 6.0 1.9

3.9 0.4 2.0

SURFACE WINDS JAN 78

SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

WHITING FIELD, FLURIDA

00 mounts (1.5.T.)

100

COMDITION

1000

3.5 3.8

1:3

1001

2.7

6.1

2.0

0 6.1 0

5.5 2.0

TOTAL NUMBER OF OBSERVATIONS

155

5.6

10000

34.2

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

2 2 352

•

90

0.0

WWW

\*

NN VARBL CALM

¥

00

0

1.3

WSW

×S.

SSW

ø

0

0

.

3.2

33.5

28.4

SURFACE WINDS JAN 78

HOURS (L.S.T.) 03

130

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED 73-77 ALL WEATHER COMBITION CLASS WHITING PIELDS FLURIDA NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

MEAN WIND SPEED	3.9	3.8	3.8	4.8	3.9	4.5	3.5		2.0	6.0	0.4	6.5	3.0	3.0	3.0	4.4			2.7
*	9.27	10.3	1.1	3.9	5.8	1.03	1.3		9.	0.	0.	9.	0.	1.3	1.3	11.0		31.0	10000
<b>%</b>																		$\bigvee$	
48 - 55																		X	
41.4																		$\bigvee$	
34 · 40																		$\bigvee$	
28 - 33																-		$\bigvee$	
22 . 27																		$\bigvee$	
17 - 21																		X	
11 . 16																		X	
7 . 10	5.0	9.			0.					9.						5.0		X	7.1
• • •	-	4.5	4.5	3.4	9.7	1.3	0.				9.			0.	9.	3.6		X	29.7
:	12.3	2.6	2.0	9.	5.6		0.		0.			0.	0.	0	9.	7.6		X	32,3
SPEED (KNTS) DIR.	z	W.	¥	ENE	-	ESE	35	SSE	s	SSW	NS.	WSW	>	WWW	*	NNN	VARBL	CALM	

1

1111

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

0

0

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

WEATHER CLASS ALL

06 HOURS (L.S.T.)

130 MONTH

YEARS

73-77

WHITING FIELD, FLURIDA

	SPEED (KNTS) DIR.	1.3	• •	7 - 10	11 . 16	17.21	22 - 27	28 . 33	34 . 45	4.4	48 - 55	8	*	MEAN WIND SPEED
2, 5 2, 6 3, 6 3, 6 3, 6 3, 7 3, 8 3, 8 3, 9 3, 9 3, 9 3, 9 3, 9 3, 9	z	15.5		3.9									5097	0.4
34.2 31.0 7.7	NNN	2.6		9.									5.8	3.9
34.2 31.0 7.7 0.1	Z	3.2		9.									10.3	3.9
1.7 3.9 · · · · · · · · · · · · · · · · · · ·	ENE	1.9	c										205	0.4
1.9 1.3 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6		1.9											6.9	6.3
1.3 1.3 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·	ESE		6.1	0.									2.0	2.0
1.7 1.3 .6 .6 .6 .6 .6 .6 .7 .7 .7 .7 .7 .7 .7	35													
1.7 1.3 ·· 6 ·· 6 ·· 6 ·· 6 ·· 6 ·· 6 ·· 6 ··	SSE													
1.3 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 ·	•													
1.9 1.3 ··6 6.5 2.6 6.5 2.6 7.7 0.18	SSW		1.3										1.3	4.5
1.9 1.3 ·6 6.5 2.6 6.5 2.6 7.7	SW													
1.9 1.3 ·6 6.5 2.6 6.5 2.6 7.7	WSW	9.		9.									1.3	4.5
1.9 1.3 .6 6.5 2.6 6.5 2.6 7.7	*		9.										g.	0.0
11.9 1.3 ··6 6.5 2.6 6.5 2.6 7.7 0.18	NNA													
34.2 31.0 7.7	×	1.9		••									3.9	0.4
34.2 31.0 7.7	MNA	6.5											0.6	3.5
34.2 31.0 7.7	ARBL.													
31.0 7.7	CALM	X	X	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	1.72	
		34.2	31.0	7.7									10000	2.9

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

10.3

2.0

MEAN WIND SPEED

×

12

. 55

4.0

6.6

6.0 12.0

4.3 6.9

6.1

1.3

#### WINDS SURFACE

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841

0 0

ALL MEATHER

COMBITION

YEARS

HOURS (L.S.T.)

60 HONTH

130

17

11 . 16

7 - 10

4.6

1.3

(KNTS)

0

2.6 3.6 4.5 1.3 2.0

...

Z

2002

ENE Z

1.3

5.6

6.4

9.7

ESE

w

SSE

s

SE

0.

0

0

0. 0. 00

0

0

WSW

0

\*

3K

SSW

9. 3.4

0.7

5.

00.5

3 3

\*X

0.0

6.6.

0.0

1.3

2:1 0.1

3.9 9 . 6

TOTAL NUMBER OF OBSERVATIONS

155

5.1

10000

3.9

23.9

45.2

22.6

CALM VARBL

0

0

6.4

0

0

3

SMOS DIRNAVOCEANMET

1

0

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

## SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841

ALL WEATHER

YEARS

12 HOURS (L.S.T.)

100 MONTH

1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
,	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	
1	

COMBITION

1.7       7.7       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0       4.5       11.0 <th></th> <th>•••</th> <th>7 . 10</th> <th>9</th> <th>17 - 21</th> <th>22 - 27</th> <th>28 . 33</th> <th>34 . 40</th> <th>41.4</th> <th>48 - 55</th> <th>% Al</th> <th>*</th> <th>MEAN WIND SPEED</th>		•••	7 . 10	9	17 - 21	22 - 27	28 . 33	34 . 40	41.4	48 - 55	% Al	*	MEAN WIND SPEED
3.5 3.5 3.2 3.2 11.0 10.001			4.5	6.1								15.5	6.0
1.9 2.0 2.0 3.0 3.0 4.1 4.0 4.1 4.0 4.1 4.0 4.1 4.0 4.1 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0		1.3	3.9									11.0	
11.3 2.6 3.6 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0		9.7	1.9									4.5	
1.7 2.6 2.0 2.0 3.2 3.2 3.2 3.2 3.2 3.2 3.2 3.2			1.3									6.5	
1.7 2.0 2.0 3.0 3.1 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5		3.6	3.6									0.6	3.4
1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		3.6	1.03									6.0	4.1
0.001 0.		1.5	2.0	9.								1.1	5.9
0.00.0 1.3 1.7 1.7 1.7 1.00.0		5.1	5.0									2.2	5.9
1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		0.	9.									9.2	
1.3 1.3 1.9 4.5 3.2 3.2 3.2 3.2 100.0		0.	0.	0.								1.9	
1.3 6.1 1.9 6.5 6.5 6.5 7.1 7.1 7.1 7.1												9.	3.0
11.9 4.15 4.15 4.15 4.15 5.10			1.3									5.5	6.5
1.3 4.5 4.5 4.5 5.9 3.0 3.2 3.2 100.0			9.									2.6	5.5
4.5 .6 4.5 .6 11.0 32.3 3.2		1.3	1.3									5.6	6.5
32.3 3.2		1.3	5.7									3.9	1.0
32.3		4.5	4.5	9.								11.0	9.9
32.3 3.2													
32.3 3.2	/ \I	X	X	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	7.1	
	1	37.4	32.3	3.2								100.0	5.5

DIRNAVOCEANMET SMOS

1

0119

155

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

## SURFACE WINDS

0 010

SURFACE WINDS	טמד	MONTH	15	HOURS (L.S.T.)	
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77	YLABS	ALL WEATHER	CLA8S	COMBITION
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC (	WHITING PIELD, FLURISA	STATION MARIE			

MEAN WIND SPEED	1.0	2.9	4.5	1.0		4.4	9 9	9.0	2.0	2.6	0.0	0.0	2.4	5.8	4.	9.0			5.7
*	3067	0.6	4.8	6.5	3.6	3.6	3.9	6.0	0.6	305	0.	6.1	6.5	3.6	6.1	13.5		4.3	100.0
8																		$\bigvee$	
48 . 55																		$\bigvee$	
0.11																		$\bigvee$	
34 . 46																		$\bigvee$	
28 - 33																		$\bigvee$	
n · n																		$\bigvee$	
17 . 21																		$\bigvee$	
11 . 16	6.1	1.3							•				•			9.		X	4.5
7 - 10	-	2.0		9.	9.	9.	5.7	4.5	1.5	1.3		9	0	1.03		1.1		X	31.0
;	4.4	3.9	0.5	9.2	1.9	1.3	1.9	1.5	4.0	1.03	9.			1.3	1.3	9.6		X	43.2
:	1.3	1.3	1.9	1.3	0.	1.3		0.	6.1	9.		0.	1.9	0.	0	1.9		X	16.8
(KNTS)	z	NN	Z	E	-	ESE	35	SSE	•	SSW	*S	WSW	*	WWW	*	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

0 0

TOTAL NUMBER OF OBSERVATIONS

ON

0 0 0

6688

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

ALL WEATHER

73-77

WHITING FIELD, FLURIDA

93841 STATION

0

0

0

0

0

0

0

YEARS

HOURS (L.S.T.)

18

100 MONTH

200

SURFACE WINDS

MEAN WIND SPEED	3.9					3.7						2.2		4.8		3.6			3.0
*	14.8	8.4	1.1	1.3	9.2	1.99	3.6	3.6	8.4	3.6	3.6	3.9		3.2	4.5	13.5		12.5	100.0
8 Al																		$\bigvee$	
48 - 55																		X	
41 - 47																		$\bigvee$	
4 . 4																		X	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
11 . 16																		X	
7 - 10														9.	9.			X	1.4
•	0.6	3.2	6.1	1.3	9.	9.	5.1	1.9	4.3	9.5	4.5			1.3	1.5	5.8		X	38.1
r.3	5.8	2.6	2.6		1.9	1.3	1.3	1.3	3.9	5.6	1.9	3.9		1.3	1.9	1.1		X	45.2
SPEED (KNTS) DIR.	z	W X	¥	E E		ESE	*	SSE		SSW	AS.	WSW	*	WWW	¥	NNW	VARBL	CALM	

0

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

155

## SURFACE WINDS

=

SURFACE WINDS	100	RONTH	21	HOURS (L.S.T.)
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77	YEARS	ALL MEATHER	семеттом
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC [FRO]	WHITING FIELD, FLURIDA	STATION NAME		

0 0

SPEED (KNTS) DIR.	::	9.4	7 - 10	91 - 11	17 . 21	22 - 27	28 - 33	34 . 40	41.47	48 - 55	8	*	WIND SPEED
z	5.8	10.3	0.									16.8	4.1
NN	2.6	7.0										2.5	3.6
w z	1.3	3.9										2.6	3.8
ENE	3.6	6.4										4.5	3.1
	1.9	1.9										3.9	3.8
ESE	3.9	9.										6.3	201
38		9.										9.	2.0
SSE	0.											0.	2.0
s		9.										0.	4.0
SSW		1.3										1.3	5.0
NS.													
WSW	1.3	1.3										9.5	3.0
*	3.9	9.										4.3	2.1
WWW	0.	9.	g.									1.9	
ž	1.3	4.5	1.5									3.9	5.5
NN.	4.5	2.5	0.									10.3	
VARBL													
CALM	X	$\bigvee$	X	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	33.5	
	31.0	32.3	3.2									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLUPIDA

93841

73-77 ALL WEATHER

YEARS

ALL HOURS (L.S.T.)

OCT. MONTH

CONDITION

SPEED (KNTS) DIR.		• •	7 - 10	11 . 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% %	*	MEAN WIND SPEED
z	6.9	2.8	2.8	6.								11.	4.8
NN.	3.4	3.6	106	.3								6.5	
¥	2.3	0.4										0.7	
ENE	1.5	3.0	4.									6.4	
-	5.5	3.6	1.6									1.3	
ESE	1.5	30										3.8	
25	9.	0.1		-:								5.0	
SSE	c.	0.	~	7.								7.7	
5	1:1	1.4	. 3	7.								3.0	4.7
SSW	5.	7.0	7.	7.								1.9	5.3
NS.		4, .											
WSW	0.1	3	**							,		1.9	
*	1:1	9.	2.	:								2.0	6.4
WWW	0	1.	9.									1.9	2.5
¥	1.0	1.3	3.									3.1	
NNN	404	4.0	5.4	7.								11.6	
VARBL													
CALM	X	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	10.1	
	26.6	36,3	13.7	1.5								10000	3.8

31110

1240

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

73-77

WHITING FIELD, FLURIDA

YEARS

ALL WEATHER

NOURS (L.S.T.)

NO. MONTH

CONDITION

SPEED (KNTS) DIR.

0

z z z z

FSE PS

MEAN WIND SPEED	6.3	2.7	3.3	0.4	4.4	304	4.8	0.1	0.4	0.9	4.3	3.0	3.1	2.0	4.0	0.4		2.7
×	1001	1.0	0.2		9	0.0	162	0.2	2.1		2.0		0.4	1.3	•	0.0	37.3	100.0
85 VI																	X	
48 - 55																	X	
41 - 47																	X	
34 - 40																	X	
28 - 33																	X	
22 - 27																	X	
17 . 21																	X	
91 - 11																	X	
7 . 10	3.3						1.	1.					1.			3.3	X	8.7
• •	6.7		1.	1.	4.1	3.3	4.0	4.3		1.	1.0			1.3	1.	1.2	X	28.7
1.3	6.1	5.3	1.3		0.7	3.3	1.		1.3		1.	1.	1.7				X	25.3

WNW

\*

0

SSW SW WSW

0

SS SS

VARBL

CALM

0

0

0

3

N N

DIRNAVOCEANMET SMOS

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

STATION 93841

MEAN WIND SPEED

48 - 55

41 - 47

34 - 40

28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

1.3

1.3

3.3

4.1

3.3 1 . 2

- 25 28 28

3.3 6.0

2.3

N N N

0.4

. .

...

SSW

\*

NSW WSW

...

3.3

2.0

6.4

3.4

9.9

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

MEATHER ALL

73-77

YEARS

0000

SURFACE WINDS

HOURE (L.S.T.)

>0N MONTH 03

CONDITION

128

1166

3.0

8.0 4:1

2.0

0.0 3.5 3.1

2.0

5

6.1

29.3

TOTAL NUMBER OF OBSERVATIONS

150

3.0

10000

2.7

5.3

30.0

32.7

2:1

6.1

1.3

WWW

\*

VARBL

CALM

3 3

1.3

DIRNAVOCEANMET SMOS

93841 STATION

. . .

4.6

18.

MEAN WIND SPEED

\*

28 . 33

22 - 27

17 - 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

1.3

10.0

0.

.

2.7 2.7

2.0

Z

EN EN

w

Z

3.9

8.0

4.3

3.3 0.0 0.4 0.4 0.

2.0

5.5

2.0 2:1

0.0

22.1

1878

3.0

1.3

..

3.6 5.0

4.0 0.2

•

.

.

2.7

1.3

WSW

SSW

v

\*

2.0 7.

\*NA

\*

.

2.0

.

VARBL

CALM

NN

¥

DEG

SURFACE WINDS

1011

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

93841

73-77

WEATHER

CONDITION

CLASS

ALL

YEARS

HOURS (L.S.T.

90 MONTH

NO.

8 48 - 55 . 47 7 34 . 46

1.3

. .

. .

0.0

.

25 25 25 25 25

TOTAL NUMBER OF OBSERVATIONS

150

3.4

10000

5.0

0.0

34.0

33.3

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

5.9

4.1 1001

4.

4.9

0.0

5.6

9.9

5.0

MEAN WIND SPEED

9610

0.4

1.3

4.5 3.5 5.3

1.3 1.3 9:1

1.3

25.3

39.3

20.0

1.3 5.5

1.3 1.3

1.3

\*NA

\*

NA S VARBL 37

WSW

S

SSW

ø

.

1.

12.0

0.4 8.0 0000

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

WHITING PIELD, FLURIDA

93841

MEATHER

NOURS (L.S.T.)

NO. MONTH

200

SURFACE WINDS

CONDITION

- 1	
- 2	
-	
- 3	
	,
	1
1	
	1
	1
	3
	1
	(

11 - 16

7 - 10

4.6

1.3

5.3

2.7

0.5

2.7 1.7

1.3

2 2 2

1.3

1.3 7.0

1.3

2.0

55 SE 356

1.3

6. 1.7

5.5 2.0

0.7

4. 2.1

•

E.

0

w

2.0

TOTAL NUMBER OF OBSERVATIONS

150

2.0

10000

DIRNAVOCEANMET SMOS

0.9 3.2

00

MEAN WIND SPEED

4.0

2.0 7.5 8.3

SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

OB

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841 STATION

O

0

0

WEATHER

YEARS

HOURS (L.S.T.

12 HOMTH

>DN

COMBITION

CLASS

ALL

28 - 33

22 . 27

17 . 21

11 . 16

7 - 10

4.6

1.3

SPEED (KNTS) DIR.

0

0

2.7 .

2.7

201

3.3

0 4 4 6 6 0.9 11.3 10.0 6.9 10000 8 48 - 55 41 . 47 34 - 40

601

3 3

7.2

SSE 25

w

2.7

201

...

WSW

S.

•

SSW

•

1.

2.0

3.3 0. 1.3

ESE

0.2

.

7.1 1.7

3.3

Z Z

0

ENE

201

1086

2.0 0.4

0.4

3:1

= 8.1

TOTAL NUMBER OF OBSERVATIONS

0.8

30.0

36.7

15.3

1.3 0.2

> 2.0 0.0

> > 7.1

•

VARBL CALM

\*XX

ž

3.3 1.3

1.3 1.3

WWW

\*

.

=

150

5.8

SMOS DIRNAVOCEANMET

15 HOURS (L.S.T.)

NO.

SURFACE WINDS JAN 78

SURFACE WINDS

=

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER

WHITING FIELD, FLURIDA

93841 STATION

0

0

0

0

MEAN WIND SPEED	9.0	4.4	•	6	3.9	2	Ì	7.4	7.1		0.6		4.0	4.4		6.9			5.7
×	14.7	1.3	0.9	2.1	0.0	3.3	5.3	6.1	14.0	1.3	•		1.3	4.7	7.3	1.00		0.9	100.0
<b>%</b>																		$\bigvee$	
48 . 55																		X	
41.0																		$\bigvee$	
4 . 4																		X	
28 - 33																		$\bigvee$	
22 - 27																		X	
17 . 21																		X	
11 . 16	1.3													1.	1.	1.07		X	0.9
7 - 10	4.7					1.	2.1	0.4	200	3.3					5.3	2.0		X	32.0
;	0.0	0.9	2.7	1.3	0.4	0.2	0.2	. 3	5.3	3.3	1.		.1	2.0	6.4	0.2		X	40.7
:	2.1	1.3	2.7	1.3	2.0									2.0				X	15.3
SPEED (KNTS) DIR.	z	Z	¥	Z	-	ESE	*	388		SSW	SW	WSW	*	WWW	¥	NNW	VARBL	CALM	

192

150

TOTAL NUMBER OF OBSERVATIONS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

=

HOURS (L.S.T.) 13

NON

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

93841

0

0

0

0

0

0

0

0

0

0

0

0

O

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER WHITING FIELD, FLURIDA

CONDITION

MEAN WIND SPEED	40.4	3.0	0.4	3.5	3.0	4.3	4.5	4.5	*.*	3.0	3.0	3.0	2.0	4.5	3.9	4.8			3.0
*	13.3	0.9	3.3	1.02	3.3	2.0	8	0.4	15.7	4.1	201	•	1.3	1.3	4.1	3.3		5.62	100.001
95 Al																		$\bigvee$	
48 . 55																		X	
4.4																		X	
34 . 40																		X	
28 . 33																		X	
22 . 22																		$\bigvee$	
17 - 21																		$\bigvee$	
11 - 16																		X	
7 - 10	3.3						2.0		1.7									X	11.3
•:	0.4	1.		2.0	1.	1.3	0.2	2.0	1.5	0.2	1.				1.	0.3		X	24.0
	0.9	1.5	5.0		1.07			1.3	5.5	1.7	2.0	•	1.3		3.3	•		X	39.3
SPEED (KNTS) DIR.	z	N.	¥	2	-	ESE	*	SSE		SSW	×s	WSW	*	WWW	ž	NNN	VARBL	CALM	

=

150

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

21 HOURS (L.S.T.)

>ON MONTH

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLURIDA

73-77 ALL WEATHER

93841

0

YEARS

CONDITION

DIR.	-: -:	4:4	7 - 10	9 . 1	17 . 21	22 - 27	28 · 33	34 - 40	41 . 47	48 - 55	8	*	MEAN WIND SPEED
z	5.3	6.7	201	1.3								16.7	5.0
N.	2.0	1.3										3.3	3.0
w Z	2.0	1.										2.7	3.3
ENE	2.0	1.										2.1	3.3
-	2.0	4.7										4.7	3.1
ESE	1.3	6.2										3.3	3.6
35	2.0	2.7		1.	1.							1.0	9.9
SSE	1.3	1.3		1.								3.3	9.6
	1.3	0.2		1.								4.7	5.9
SSW			1.3									1.3	1.0
NS.													
WSW		1.										4.	0.4
*	1.3											2.7	3.5
WWW													0.1
¥	1.3		1.3									7.2	0.0
NNA	5.0	0.2										1.5	2.0
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	39.3	
	24.0	24.7	7.3	4.0	.7							10000	2.9

1480

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

Dehandanhahahahah

1200

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

E

SURFACE WINDS

73-77 MEATHER CLASS ALL WHITING FIELD, FLURIDA

ALL HOURS (L.S.T.)

NON

CONDITION

SPEED (KNTS)

0

ESE

SSE S

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.22									25.2. 2.6.		
300	2.2								:	:		7.1
3.6	101									1.	4.	0.
2.6	507									1.0		
0.0	0.9								7.	707	7.7	1.4
2.0	0.4								* .	1.4	1.0	7.1
5.3	206								•	7.1	0.7	1.0
4.6	7.0								7.		2.5	1.1
4.2	9.1								1.		0.4	3.1
7.5	6.2								7.	7.	1.1	1,0
7.4	0.4									6.	1.1	1.
3.9	2.9									9.	5.3	3,1
2.0	14.7									3.0	4.0	4.8
WEAN WIND SPEED	*	% %	48 - 55	41.47	34 . 40	28 . 33	22 - 27	17 . 21	11 . 16	7 . 10	• •	.:

SSW

WSW

NS.

WWW

\*

NINW VARBL

CALM

4.4 5.0

MEAN WIND SPEED

3.5

5.0

5.3 0:0 4.6

5.0

### SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841 STATION

MEATHER CLASS

ALL

YEARS

HOURS (L.S.T.) 00

DEC MONTH

CONDITION

17 - 21

11 . 16

7 - 10

1.3

SPEED (KNTS) DIR.

5.5 9.

4.5

.

Z

z

•

... •

3.6 9. 0.

000

E

¥

ESE SSE

w

1.3 0 0.

0.7 5.6 1.3 3.9 300 3.6 2.0 9. 2.5 31.6 1. 1000 12 48 - 55 . 47 7 34 - 40 28 - 33 22 . 27

TOTAL NUMBER OF OBSERVATIONS

5.5

11.66

23.9

•

1.3

1.3

9.

WSW

\*

SK

9.0 6.1

6.1

1.3 1.3

9 1.9

5.0

WNW

4.1

1.9

NN VARBL CALM

ž

0

0.1

5.0

SSW

w

. .

2000

155

3.5

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

3.6 2.3

3:4

MEAN WIND SPEED

3.4 2.0

3:1

### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77

MHITING FIELDS FLORIDA

93841

YEARS

ALL MEATHER

HOURS (L.S.T.)

DEC MONTH

COMBITION

*	0.11	3.9	3.6	9.2	:	3.6	3.2	2.0	3.6	691	1.3	1.3	2.0	5.8	6.9	1.1	32.9	10000
8 41																	$\bigvee$	
48 - 55																	$\bigvee$	
41 . 47																	$\bigvee$	
34 - 40																	$\bigvee$	
28 - 33																	$\bigvee$	
22 - 27																	$\bigvee$	
17 - 21																	$\bigvee$	
11 . 16	0.								9.						1.3		X	2.0

0.

SSW

•

SW

WSW

\*

0

1.3

0

9.

9.7 6 6.1 1.9 0.

2 2 2

0.

3.6

6.5

1.3

W.

Z

¥ ENE

7 - 10

1.3

SPEED (KNTS) DIR.

9. 6.1

000

1.3

.0

3.20

\*N\*

1.3

3.6

Ž VARBL CALM

ž

5.8

0 . 2 . 3

=

155

TOTAL NUMBER OF OBSERVATIONS

11.6

24.5

28.4

3.2

3.6 2.8

3.6 3.6

3.9

MEAN WIND SPEED

12

48 - 55

41 - 47

34 - 40

28 . 33

22 . 27

17 . 21

11 . 16

7 - 10

..3

SPEED (KNTS) DIR.

0 9.

2.5

9.

0 0 2.0 3.5

EN I

.

ž

NN

z

\$ . \$

0.1.

5.0

5.0

00

1.3 1.3

> 9 0 ... 0 6.1

1.3 .

3.6

4 . 5

SS 22

1.6

6. 3.2

4.1

2.8

5.2 0.0 6.9

### SURFACE WINDS

2

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

(FROM HOURLY OBSERVATIONS)

ALL MEATHER

73-77

WHITING FIELD, FLURIDA

93841 STATION

NOURS (L.S.T.)

330 MONTH

31.0 10.3 100.0

0

0

SSW

9.

3.9

1000

WWW

\*

WSW

XS.

VARBL

CALM

N S

3.6

7.0

0800

3.0 6.4 6.4 5.8

2.6

2.7

5.6 5.0 3.6 1111

155

TOTAL NUMBER OF OBSERVATIONS

5.0

11.0

25.0

3.2

DIRNAVOCEANMET SMOS

SURFACE WINDS

2889

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

20

(FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

93841

ALL WEATHER

YEARS

HOURS (L.S.T.) 60

OEC MONTH

CONDITION

MEAN WIND SPEED	6.0	4.9	0.4	3.8	4.4	2.5	201	8.5	0.9	6.8	9.6	1.0	2.0	2.0	9.9	6.9			5.2
*	12.3	2.5	4.5	9.7	0.6	C . CT	9.6	1.03	2.6	3.9	3.6	0.	7 . 6	2.8	8.4	0.6		6.9	100.0
8																		$\bigvee$	
48 - 55																		X	
41 - 47																		$\bigvee$	
34 · 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 22																		$\bigvee$	
17 . 21																		X	
11 . 16	6:1							••	0.		1.3					1.9		X	6.5
7 - 10	3.9	1.09	9.		0.	1.99	1.9		0.	0.	0.	9.	1.3	1.3	2.5	1.3		X	22.6
*;	4.5	1.3	1.9	9.	2.6	0.5	6:1	9.	0.	9.7	1.3		0.	3.6	1.3	4.5		X	36.8
:	6.1	1.9	1.9	1.9	3.6	1.1	6.1		1.3	9.			1.3	1.3	1.9	1.3		X	27.7
SPEED (KNTS) DIR.	z	W.X	¥	ENE	w	ESE	SE	SSE	s	SSW	×s.	WSW	*	WWW	3	MNN	VARBL	CALM	

0

0

-

155

TOTAL NUMBER OF OBSERVATIONS

3088

155

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

200

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

ALL WEATHER

COMDITION

YEARS

73-77

WHITING FIELD, FLURIDA

93841 STATION

12 HOURS (1.5.T.)

DEC MONTH

MEAN WIND SPEED	1.6	6.5	3.2	4.3	4.9	0.0	6.0	5.3	7.8	1.0	5.3	1.1	6.1	2.6	6.1	6.1			
×	1.6	2.6	3.9	1.9	2.8	2.6	5 . 6	3.9	11.0	9.2	9.2	2.6	8 • 6	4.5	1.01	13.5		5.8	
99 Al																		$\bigvee$	
48 - 55																		$\bigvee$	
41 . 47																		$\bigvee$	
34 · 40																		$\bigvee$	
28 - 33																		$\bigvee$	
22 - 27																		$\setminus$	
17 - 21																		X	
11 . 16	3.2				••		9.		1.9			6.1	1.3		0.	9.		X	
7 . 10	1.0	1.3	•		9.	2.0	3.9	1.3	5.6	7.9	0.	1.3	1.3	1.5	4.0	9.6		X	
•	2.6	9.		7.0	5.1	1.3	9.5	1.3	1.3	0.		3.6	1.3	2.0	1.3	1.1		X	-
÷.	1.9	0.	3.5		9.7	1.3	1.3	0.	1.9		9.		1.9	9.	9.	1.9		X	
SPEED (KNTS) DIR.	z	NX.	¥	ER		ESE	35	SSE	s	SSW	NS.	WSW	*	WNW	ž	NNN	VARBL	CALM	

DIRNAVOCEANMET SMOS

155

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

E

SURFACE WINDS	DEC	HOMTH	15	HOURS (L.S.T.)	
PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	73-77	YEARS	ALL WEATHER	cinss	COMBITION
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC (FR	WHITING FIELD, FLURIDA	STATION NAME			
	-	-			

93841 STATION

0

0

0

0

0

Oi

0

O<sub>1</sub>

0

WIND WIND SPEED	6.0	4.2	3.5		4.8		0.		6.8	4.4	_		5.3	4.0	8.0	6.7			6.1
*	1.6	3.6	1.3	1.9	3.6	4.5	2.6	3.9	100	4.3	3.6	3.9	1.9	7.6	12.3	12.9		7.1	100.0
VI 28																		$\bigvee$	
48 - 55																		$\bigvee$	
41.4																		$\bigvee$	
34 - 40																		$\bigvee$	
28 · 33																		$\bigvee$	
22 - 27																		X	
17 . 21																		X	
11 . 16	0.						0.	9.		1.3	6.7				1.3	1.3		X	7.7
7 - 10	4.5				9.	2.0	1.9		0.6	1.3	9.	9.	0.	2.0	3.9	6.4		X	32.9
• •	3.6	2.0	9.	4	6.1	9.	1.9	9.7	1:1	0.	0.	9.7	9.	1.9	1.1	3.6		X	41.9
1:3	1.3	G.	0.	0.	9.	1.3	9.	9.		1.3		9.	9.	0.		1.3		X	11.0
SPEED (KNTS) DIR.	z	ZNZ	¥	Z		ESE	35	SSE	s	SSW	3W	WSW	*	WWW	ž	NNW	VARBL	CALM	

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

73-77 ALL WEATHER COMBITION WHITING FIELD, FLORIDA

18 HOURS (L.S.T.)

DEC -

WIND SPEED	5.3	2.7	2.6	3.0	3.7	5,3	5.1	3.8	4.6	4.4	505	3.0	5.3	4.4	4.4	5.3			3.7
*	4.5	1.9	3.6	1.3	3.9	5.8	5.0	3.9	11.6	2.5	3.9	9.2	1.9	2.6	1.	8.4		18.1	100.0
% Al																		X	
86 - 85																		X	
41.0																		X	
34 - 46																		X	
28 · 33																		X	
22 - 27																		X	
17 . 21																		X	
11 . 16	9.						0.									1.3		X	2.6
7 . 10	5.6					1.5	9.		5.0	1.3	1.3	1.3		1.3	1.3	1.3		X	15.5
•	3.2		9.		9.2	5.1	7.0	9.7	3.4	9.	7.0	9.			3.6	1.9		X	27.1
:	3.2	1.9	5.6	1.3	1.3	1.9	1.9	1.3	2.5	3.6	•	•	1.9	9.2	3.6	3.9		$\bigvee$	36.8
SPEED (KNTS) DIR.	z	NNE	ž	S.E.		182	×	SSE	•	SSW	×s.	WSW	*	WWW	¥	MNN	VARBL	CALM	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

0

0

0

93841

DIRNAVOCEANMET SMOS

SURFACE WINDS

Ē

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

93841 STATION

0

20

HOURS (L.S.T.) DEC 21 MONTH 73-77 ALL WEATHER CONDITION WHITING FIELD, FLURIDA

MEAN WIND SPEED	6.3	4.7	0.4	0.4	* . *	2.0	6.0	10.0	3.5	0.0	4.3	2.1	.,	201	4.5	6.5			
*	12.9	6.1	3.6	9.	1.1	3.6	6.9	1.3	8.4	6.1	6.1	1.0	9.8	1.9	2.6	1.		31.6	
8																		X	
48 - 55																		X	
4.4																		$\bigvee$	
3 45																		$\bigvee$	
28 - 33																		X	
22 - 27																		X	
17 - 21																		X	
11 . 16							0.	0.								1.3		X	
7 - 10	9.7	9.			•		9.2	0.	9.7	9.	•	1.3		9.	0.	5.0		X	
;	4.5	9.		0.	6.4	9.	1.3		3.6	•			9.2		0.	1.9		X	
:	5.8	9.	1.3		1.9	6.2	1.9		5.5	•	0	9.	3.6		1.3	5:1		X	
(KNTS) DIR.	z	ž	ž	ENE	-	ESE	35	325	•	SSW	*S	WSW	*	WWW	¥	MNN	VARBL	CALM	

1

155

TOTAL NUMBER OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

## SURFACE WINDS

23

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

73-77 WHITING FIELD, FLURIDA

93841

ALL WEATHER CLASS

YEARS

ALL HOURS (L.S.T.)

OEC MONTH

COMBITION

WIND	9.6	6.9	3.3	3.0	*.*	4.0	9.1	0.0	6.1	2.7	7.2	2.1	4.5	2.0	6.1	6.1			4.3
×	1911	3.1	6.7	0.1	6.0	2.9	706	1.07	1.05	3.1	5.5	1.02	0.4	4.5	0.	9.6		50.02	100.0
8																		X	
48 - 55																		X	
41.4																		$\bigvee$	
34 . 46																		X	
28 - 33																		X	
22 . 27																		X	
17 . 21																		X	
11 . 16	6.				7.	:	5.	6.	.5	7.	• •	7.	7.		9.	1.0		X	5.0
7 . 10	107	9.	7.			1.3	1:1	9.	2.5		9.		. 5	1.2	2.3	5.5		X	10.3
• •	0.4	0.1	•	9.	3.1	6.7	1.5	4.3	4.2	0.1	275	7.5	4.7	6.1	5.5	0.4		X	29.4
.:	3.5	1.5	1.9	0.1	6.3	7.7	1.5	5.	1.8	:	*	5.	1.9	7.	1:1	7.7		X	28.7
SPEED (KNTS) DIR.	z	WZ.	Z	E.	*	ESE	35	SSE		SSW	*S	WSW	*	WWW	ž	NNA	VARBL	CALM	

SURFACE WINDS JAN 78

SURFACE WINDS

E

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

WHITING FIELD, FLUFICA

93841 STATION

0

73-77

YEARS

MEATHER ALL

ALL HOURS (LS.T.)

ALL MONTH

CONDITION

MEAN WIND SPEED	6.0	4.0	7.4	3 . 4	* *	6.4	700	4.0	9.0	6.0	2.6	4.8	* . 4	5.1	5.6	2.1			4.2
<b>23</b> 5			6	*	0	6				6	-0 .	4	-	0	0	-		•	0
*	111	*	9.9	4.0	0.0	3.9	604	4.4	9	4.9	3.1	Y • 6	1 . 4	0.5	0.6	1.1		50.02	100.0
7 36																		$\bigvee$	
48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33					0.													$\bigvee$	0.
22 - 27							0.	0.	0.	0.						.0		$\bigvee$	.1
12 - 21	0.						•	0.		0.	0.		0.	0.	0.	0.		$\bigvee$	
11 . 16	*		0.	0.	:	-	*	c.		6.	7.	1.	1.	•	4.			$\bigvee$	4.3
7 - 10	2.0	9.	4.	5.			2:1	7.1	5.3	1.1	9.	• 2	6.			1.6		X	16.9
4.6	1.5	.0	1.1	1.0	4.7	1.1	1.5	7.1	3.4	6.1	7.1	1.3	1.0	7.1	1.5	9.7		X	32.5
1.3	3.9	1.9	1:1	7.1	6.3	5.1	7.1	6.	1.6	1.0	0.1		1.9	0.1	1.1	7.7		X	25.4
SPEED (KNTS) DIR.	z	ZZ	Z	Z		ESE	35	SSE	s	SSW	S.W.	WSW	*	WWW	¥	NNN	VARBL	CALM	

101

DIRNAVOCEANMET SMOS

14606

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS) DIRECTION AND SPEED

WHITING FIELDS FLURIDA

93841

0

0

0

73-77

INSTRUMENT

ALL HOURS (LS.T.) ALL

> AND/DR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE CIG 200 TO 1400 FT W/VSBY 1/2 MI OR HORE,

SPEED (KNTS) DIR.	1.3	• •	7 - 10	11 - 16	17 - 21	22 - 27	28 . 33	34 - 46	41 - 47	48 - 55	% AI	*	MEAN WIND SPEED
z	2.0	3.5	8.2	0.	0.							6.8	1.0
Z	0.	1.2	1.2	6.								3.3	4.0
ž	1.2	1.6	.5	:								3.5	8.4
ENE	. 5	1.5	•									5.5	9.6
*	7.2	3.9	7.5	1.								4.1	4.8
ESE	6.	6.1	1:1	7.								7.4	5.7
*	1.5	7.7	6.5	7.1	6.	0.						6.1	1.5
SSE	1.0	4.5	500		:	0.						8.1	1.3
	1.8	3.0	4.9		.3	7.						13.4	6.1
SSW	•	1.1	1.9	1.2	7.	7.						2.1	8.2
SW	0.	1.6	9.	6.	0.							3.3	0.4
WSW	6.	1.3	6.	1.								2.8	8.6
*	1.1	7.7		6.	0.							106	2.6
WWW	*.	•	5.		0.							2.0	6.0
¥		0.1	1.1	5.								3.0	1.1
NNW	1.2	1.3	1.9			0.						7.6	6.9
VARBL													
CALM	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	1001	
	17.6	31.4	23.7	6.6	1.1	.3						100.0	5.6

=

TOTAL NUMBER OF OBSERVATIONS

2162

0

DIRNAVOCEANMET SMOS

NWSD, Federal Building Asheville, N. C.

#### PART D

# CEILING VERSUS VISIBILITY

equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to presented as follows:

- 1. Annual all years and all hours combined
  - By month all years and all hours combined
    - By month by standard 3-hour groups

station was meeting or exceeding any given set of minims may be determined from the figure at the intersection reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by on pages 2 and 3 below. U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque. to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948.

	0 1	7	5	95.6				98.1		100.0
	% AI	7		0,				6		
	≥ 5/16	7								
	γ Ν	2	$\rangle$							
	% Al	)	)							
	% ^1								100	
ESJ	71							7.72		98.3
VISIBILITY (STATUTE MILES)	71 <		)							
BILITY (STA	×1 ≤	5								
VISIA	2 4	(								6.96
	> 2 %	7								
	۸I	4		91.0						95.4
	4	7								
	VS Al	7								
	9	3								
	01 <1	3								
CEILING	(FEET)	NO CEILING		V 1800	N 1200	% % % %	VI VI 008	VI VI 40 50	N N	8 °

Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table: Ceiling > 1500 feet = 92.6%.

Ceiling > 500 feet = 98.1%. EXAMPLE # 1

Read visibilities independently of ceilings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.4%.
Visibility > 2 miles = 96.9%.
Visibility > 1 mile = 98.3%. EXAMPLE # 2

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%. EXAMPLE # 3

#### PART D

#### ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet</p> and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

#### PART D

#### SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for summary will, of course, be limited to period of available data. NOTE: # 1:

Some sources of punched data used for this summary report cloud smounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

TENTHS	0 H m4 N/0 00	901
		obscured)
OKTAS	O H W M A W O	(or

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

YEARS

NONTH

E

NOURS (LST.)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	71	٨١	37	7	e Al	> 21/8	2 AI	71 %1	71 1	Ā	% Al	*	X AI	≥ 5/16	VI N	٨١
NO CEILING		39.4	42.6	44.5	45.2	45.0	46.5	4.1.1	51.1	47.1	51.1	51.0	51.0	51.0	81.0	4
20001					6	6	0	: -	: -:			•	: :	:	:	51.
1 4 1 9 9 9 9		45.6		4.8.4		0.64	0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.
> 14000				48.4	6		0	-:		-		-		-	51.0	51.
12000		45.6	•				ò	-	-	-	-	1:	-	:	-	100000
			46.5	0.65	6	1.64	•		51.6		•	-1		-	51.6	51.
0006 AI				•	48.1		-	-	:	-	-	-	-	-	-	
		45.8		•	2.	52.9			*	*		4.		4.	•	
7000		47.1		60	;	4	55.5				•	0				
1		47.1	•		4.		5	0	0	0	20.1	.0		•		
2000		47.7	51.0		3	. 4	56.1	•		56.8	0	•		9	•	
1		1.1.4		4	*	*	0	0	0	9		.0	0	.0		
1 11		49.7	•	56.1		56.8	58.1			58.7	58.7	8			58.7	58.
1			50	9	-	-	00	6	6	6	6	6	6	6	6	
3000		51.6	54.8	58.1	58.7		0.09		60.7	0	60.7	C	60.7	0	0	
		52.3	3		0		-		-	-		-		-	61.9	
7000		53.6	-				63.5	3	•		8		9			63
1		53.6			-		*					3	•	3	•	
1500		56.8	61.3			0	67.7		œ		8				8	
		56.8			-		*			6		6	•		•	
0001		58.1	63.2		6	0		•	-	71.0	-	-	-:	-:	71.0	71.
		58.1		67.7		0.60	ò	:		٠		:		-	71.0	71.
8		29.4	•	0.69	0	ċ	-	2	•	2	•	3		5.	•	72.
		29.4			0	6.0	71.6	2	72.3	2.	•	2.		2.	72.3	72.
% 1 A I		61.3	•	71.6	3	•			74.8	*		;	74.8	;	•	7
		61.3	67.1	72.3		•	•	0		•	•	9	•	9	76.8	76.
141		61.3	67.1	74.2		76.1	6	80.0	0	-		80.0				80.
		6:19	68.4	15.5			82.6	83.6	83.2	63.9	83.9	3.	83.9	3	83.9	83
700			4.89	76.1			5	87.1	7					8	89.0	89
81			4.89	76.1	80.0	0.00	80 e	87.1	87.1	87.7	0.68	0.60	90.3	90.3	92.3	92.
		010	* 000	1.0		0		1.0	1.10	0/0	0 % 0	•	710	-	24.6	001

TOTAL NUMBER OF OBSERVATIONS

155

4 5 4

SMOS DIRNAVOCEANMET

93841 STATION

TOTAL NUMBER OF OBSERVATIONS

# **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841 STATION

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JAN

200

03 HOURS (1.5.T.)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	N S	% Al	S AI	AI AI	6 1	2 2%	2 1	71 %1	71 71	-	% AI	*	Z Al	≥ 5/16	N AI	٨١
NO CEILING		36.1	38.7	39.4	40.7		40.7	40.7	40.7	40.7	41.3	41.3	61.6	41.9	42.6	43.2
2000		000			2 .	42.0	200		42.6	2		100				
1 4 1		38.1	40.7	41.3	45.6	2		45.0		45.6	43.2			43.9	44.5	45.2
> 14000		38.1	40.1	41.3		•	45.6	45.6		45.6	•			•	44.5	45.2
≥ 12000		38.1	40.1	41.3	3	N	5.	2.	45.6	2.	43.5			43.9	;	45.2
		0.04	45.0	43.9	45.5	45.2	5	5		13	•	•			41.1	47.7
0006		40.0	43.2	44.5	3	5	3	5		3	•	•	•		47.7	48.4
		41.9	46.5	47.7		•		0			•	-		•	7	52.9
7000		41.9	46.5	47.7	0	ċ		-		-	-	21.6			52.9	53.6
1		41.9	40.5	47.7	•	•	-	:		-	51.6	:			7	
2000		41.9	46.5	47.7	50.3	50.3	51.0	51.0	51.0	51.0	-	51.6	2	52.3	3	53.6
1		41.9	40.5	4.1.1			-	:		-	•	•			•	53.6
141		43.2	47.7	0.64	51.6	51.6		52.3	52.3		52.9	2	3	3	54.5	54.8
1		44.5	0.67		2.	•					*					56.1
3000		44.5	0.65	50.3	52.9		3.				•		*	*	:	56.1
1		45.8	50.3	51.6	24.5		4.	3		\$	5	3			56.8	57.4
1 2000		46.5	51.6	53.6		57.4	58.1	58.1	58.1			58.7	0	6	0000	60.7
1		47.1	52.3				30		•	00		0	0		60.7	61.3
130		47.7	53.0	58.8	39.4	29.4								•	61.9	65.6
1		47.7	53.6	56.1					-	-		610	2	2.		
141		0.65	24.8	57.4	63.5	3	3	3	63.9	63.6	;	64.5	2	3	65.8	
		0.65	24.8					3	3	3		-	2	65.2	65.8	66.5
8		51.0	57.4	61.3		67.1			67.7		*	4.80		6	69.7	70.3
1		51.6	58.7	*		•	69.7	6	•	0		0		71.0	-	72.3
8		52.9	60.0	64.5	70.3	0		71.0	71.0		71.6	71.6		72.3	72.9	74.2
		52.9		65.0		1.	72.9	9	73.6		74.2	74.2	74.8	14.8	•	76.8
1 1		52.9		67.1		73.6	75.5		76.1	76.1	•			77.4	78.1	79.4
		54.5		0.69		17.4		•		81.3	81.9	81.9	2	85.6	83.2	84.5
200		54.5	61.9	0.69	16.8	•	81.9	85.6	•	100	85.8		86.5	87.1	87.7	89.0
		24.5		0.69	16.8	16.1	81.9	82.6	82.6	85.2	87.1	87.7	90.3	91.0	92.9	34.5
١٨١		54.5	•	0.69	76.8	78.1	81.9	85.6	•	85.5	87.7	87.7	90.3	91.0	94.8	100.0

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

NAC

0.0 MOUNS (1.5.7.)

: OCCURRENCE	ATIONS
ERCENTAGE FREQUENCY OF OCCURRENC	SINCITA VODS OF VIGILOU MODE

CEILING							2		Called (State of Michael Micha	1						
(FEET)	5	9 11	<b>S</b>	AI	۲ ۱	≥ 2%	7	71 71	71 71	-	% AI	*	Z AI	2 5/16	AI	٨١
NO CEILING		29.0	32.9	5	9	9	. 8		8	8			8		38.	-
₹ 20000		29.7		36.1	37.4	37.4	38.7	38.7	38.7			38.7	38.7	•		40
		29.7	33.6	9	-								8		38.	00
14000		29.7	33.6	•	-	-	00			8	•		38.7	•	38.	4
		29.7	33.0		-		8.		0	-			38.7		38.	40.
12000		29.7	33.6	9	-				8	80			38.7	•	38.	40.
		34.8	0.04	2	3	17	5	6	5	5			5		45.	46.
000		38.5	40.7	00	44.5	44.5			5	•					45.	-
		36.8	42.6		9		-	-	-						47.	6
7000		36.8		10	0	46.5	1.		1						47.	6
1		36.8		3	0	9	-	-							41.	6
2000		37.4		3	47.1	•			8						48.	
		38.1		0	-		6	6	6	6					49.	0
141		38.1		46.5	47.7	47.7		0.65	6						64	0
1		38.7		-	1		6	6	6	6			6		49.	:
3000		40.0		a	3	0	-	-	-	-			-		51.	2.
		40.7		Car	51.0		2	7	2	2.			2.		52.	3
2000		41.9	49.0	N	3	m		2	5	5			0		56.	-
		42.6		2	4		5	0	9	9			1:		57.	
1200		43.9	51.6	3	0	9			8	6			0		90	2.
1		45.8	53.6	-	20		0	0	0	-			7		62.	*
1 1		47.1		8	0	0	-	-	-	2					63.	3
		47.1	34.8	-	0		-	1:	-				3		63.	2
8		47.7		6	60.7	0	-	•	2	3			2		65	67.
-		4.65	58.1	2	3		5	5	5						68.	0
8		50.3	29.4	3	5	3	.9	-	1.	6			-		71.	N
		50.3	0.09	3	-		00			2			1 -		73.	75.
141		51.0	61.3		3	80	-		2.	4			0		76.	8
		51.6		-	9	1	2	14.8	3				6		6	81.
7 200		52.3	63.5	67.7	71.0	-	74.8	78.1	78.1	81.3	83.2	83.2	83.9	83.9	83	85.
91		52.3	63.2		-	0.	*	78.1		•				•	87.	91.

TOTAL NUMBER OF OBSERVATIONS

155

100

93841 STATION

# NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

WHITING FIELD, FLORIDA

93841 STATION

73-77

YEARS

JAN.

71	12 8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	FRCENIAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)  VISIBILITY (STATUTE MILES)  32.3 33.6 33.6 33.6 33.6 33.6 40.0 41.3 41.3 41.9 41.9 41.9 41.9 41.9 41.9 41.9 41.9	FROM PS	HOURLY	. × OB ×	SERVA SERVA	OBSERVATIONS) VISIBILITY (STATUTE MILES)	S C C					NOOMS (1 S	
	1 1 2 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	mcocme No ma				MLITY (STA	TUTE MILE	19:						
	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	m000m0N0mm						(2.						
7 4 4 4 4 5 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6	8 8 8 8 9 9 9 9 8 8 8 9 9 9 9 9 9 9 9 9	m000m0 N0 mm		2 2%	۵ ۸۱		VI 7.7	- Ai	% AI	* 11	Z AI	5/16	AI	0 11
4 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000000000	3	33.6	3	· .	33.6	33.6			33.6	33.6		34.2
	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	00000000	41.3	0.14	41.9	5.14	6.1.0	-	41.9	6.14	41.5	41.0	42.0	45.0
2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3	43.4		41.3	41.3	614	41.9	6.14	41.9	41.9	41.9	6.14	41.9	45.6	42.6
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43.47	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	N	2		43.2		3		3	43.5	43.5	63.6	43.9
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 T W W 4	N 00 00 00	m	3.6		43.9	43.9	0		43.9	40.0		3	44.5
38.1	4 4 3	0 m	44.0	2 0		2 3	40.5	2 2 3	45.8	40.0	45.6	55.0	40.0	40.0
39.1	44.	00	-	7.1	000	48.4	8	8	8	8	48.4	8	6	49.0
40.4	44.		47.1		100	48.4	48.4	8	48.4	48.4	4.84	48.4	0.65	0.64
40.7				5		1.65		6	6		1.65		5003	50.3
1		4.		•	51.0	51.0	51.0	51.0	51.0	-	21.0	1.	51.6	51.6
41.3	46.	0.6	50.3	•				-	•	-	51.6	1.	52.3	52.3
41.9	5	•	-	•	2			52.9	•	. 7	54.9		23.0	53.0
	49.		85.9	•	4		;	24.5	•		24.5			24.8
	49.		53.0		4.	-	*	. 4			54.8		52.5	55.5
43.9	* 0	52.3	m d	m v			1 .	* 1			34.8	57.0	58.5	53.5
	52.	24.8	9	9	57.6	57.4	-				51.4		58.1	58.1
47.7		56.8		58.1	\$ . 65	59.4	\$9.4	39.4	59.4	59.4	0.09	0.09	1.09	60.7
50.3	56.		0	0	61.9	61.9	61.9	61.9	-	6119	95.0	65.6	63.5	63.2
52.3	60.	65.6		9		65.2	65.2	3	3	65.2	65.8	65.8	60.5	66.5
2 6	63.	0 00	000	00	~ 0	•	10.3	- 6	70.3	70.3	100		•	71.6
54.8	64.	68.4	71.0	1	72.3		72.3	2		72.3	72.9	72.9		73.6
56.1	99	C	74.8	74.8	76.1	76.1	76.1			76.1	76.8	76.8	77.4	77.4
56.1	67.	9	76.1			4.11			4.1	17.4	18.1	78.1	78.7	78.7
57.4	69	•	6	0	0	80.7	0	0	80.7	80.7	81.9	81.3	81.9	81.9
4.4	10	1.01	:.		·			n a	•		000	4 0		83.2
57.4	9	8 9		1 0	0 4			2 00		0	93.6	-		8.96
57.4	70.	76.8	IN			85.2	85.2			0	93.6	93.6	98.1	00.00
	24444444444444444444444444444444444444	44444444444444444444444444444444444444	41.4 41.4	4 4 3 2 4 4 3 3 4 4 4 4 4 4 4 4 4 4 4 4	41.3 43.2 45.8 47.1 47.1 43.2 45.8 47.1 47.1 47.1 48.4 48.7 48.8 47.1 47.1 47.1 48.4 48.7 49.7 49.7 52.3 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6	41.3         43.2         45.2 <td< th=""><th>41.3         43.2         <td< th=""><th>41.3       43.9       43.2       43.2       43.2       43.2       43.6       43.6       43.6       43.6       43.6       48.6</th><th>41.3       43.2       45.2       45.2       45.8       47.1       48.4</th><th>41.3 43.9 45.2 45.2 45.8 45.8 45.8 45.8 45.8 45.8 45.8 45.8</th><th>41.3 43.9 45.2 45.2 45.2 45.8 45.8 45.8 45.8 45.8 45.9 45.9 45.2 45.8 47.1 47.1 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48</th><th>43.2 45.8 47.1 47.1 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48</th><th>41.3 43.9 45.2 45.2 45.2 45.8 47.8 45.8 45.6 45.0 45.0 45.0 45.0 45.0 45.0 45.0 45.0</th><th>41.3 43.9 43.2 45.2 45.2 45.8 47.8 45.8 48.9 45.8 47.8 48.4 48.4 48.4 48.4 48.4 48.4 48</th></td<></th></td<>	41.3         43.2 <td< th=""><th>41.3       43.9       43.2       43.2       43.2       43.2       43.6       43.6       43.6       43.6       43.6       48.6</th><th>41.3       43.2       45.2       45.2       45.8       47.1       48.4</th><th>41.3 43.9 45.2 45.2 45.8 45.8 45.8 45.8 45.8 45.8 45.8 45.8</th><th>41.3 43.9 45.2 45.2 45.2 45.8 45.8 45.8 45.8 45.8 45.9 45.9 45.2 45.8 47.1 47.1 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48</th><th>43.2 45.8 47.1 47.1 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48</th><th>41.3 43.9 45.2 45.2 45.2 45.8 47.8 45.8 45.6 45.0 45.0 45.0 45.0 45.0 45.0 45.0 45.0</th><th>41.3 43.9 43.2 45.2 45.2 45.8 47.8 45.8 48.9 45.8 47.8 48.4 48.4 48.4 48.4 48.4 48.4 48</th></td<>	41.3       43.9       43.2       43.2       43.2       43.2       43.6       43.6       43.6       43.6       43.6       48.6	41.3       43.2       45.2       45.2       45.8       47.1       48.4	41.3 43.9 45.2 45.2 45.8 45.8 45.8 45.8 45.8 45.8 45.8 45.8	41.3 43.9 45.2 45.2 45.2 45.8 45.8 45.8 45.8 45.8 45.9 45.9 45.2 45.8 47.1 47.1 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48	43.2 45.8 47.1 47.1 48.4 48.4 48.4 48.4 48.4 48.4 48.4 48	41.3 43.9 45.2 45.2 45.2 45.8 47.8 45.8 45.6 45.0 45.0 45.0 45.0 45.0 45.0 45.0 45.0	41.3 43.9 43.2 45.2 45.2 45.8 47.8 45.8 48.9 45.8 47.8 48.4 48.4 48.4 48.4 48.4 48.4 48

TOTAL NUMBER OF OBSERVATIONS

MHITING FIELD, FLURIDA

NA ME ME ATHER SERVICE DETACHMENT, ASHEVILLE, NO

NAD

E

12 4008 (1 \$ 7 )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO CRILING	CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
49.7 51.0 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6	(FEET)	2 1			7	1		1		1	- -	1	3.5	1	8	1	٨١
49.7 51.0 51.6 51.6 51.6 51.6 51.6 51.6 51.6 51.6	NO CELLING			3	43.9	3.	3.	3.	3.	3	50	3		3	3		
10000   49 7 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	2 20000		49.7		-	-	-	-	-	-	-	-		:	-		51.6
1000   50.8   51.6   51.6   51.6   51.6   51.6   51.6   51.6   51.6   51.6   51.6   51.6   51.5   52.8			49.7		-	-		-	1.	-	-	-			-		
10000   51.0   52.9			49.7			-	-	-	-	-	-	-			-	•	51.6
51.0   52.3   54.2   52.9			50.3		2.	2.	2.	2.	2.	2	2.	~			2.	5.	
10000   52.9 54.2 54.2 54.8 55.5 56.1 56.1 56.1 56.1 56.1 56.1 56.1			51.0		2.	3	2	2	2	7	2	2			2.		52.9
90.00  94.8 57.4 58.7 59.4 59.4 59.4 59.4 59.4 59.4 59.4 59.4	1		52.3		*	3	NO.	3	5	5	5	2			5		
1000         54.8         57.4         58.4         59.4 <th< td=""><td></td><td></td><td>52.9</td><td></td><td>3</td><td>0</td><td>.9</td><td>9</td><td></td><td>9</td><td>9</td><td></td><td></td><td></td><td>9</td><td></td><td>56.1</td></th<>			52.9		3	0	.9	9		9	9				9		56.1
7000 56.1 58.7 66.0 60.7 60.7 60.7 60.7 60.7 60.7 60			54.8		000	6	9	0		6	6	6			6		
56.1 59.4 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7			54.8		9	6	0	6		6	6	0			6		59.4
56.1 59.4 60.7 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3	1		56.1	58.7	.0	0	0	0		0	0	0			0		60.7
2500 56.1 59.4 60.7 61.3 61.3 61.3 61.3 61.3 61.3 61.3 61.3			56.1		0	-	.:	-		-	-	-			-		61.3
58.0 58.1 61.3 62.6 63.2 63.2 63.2 63.2 63.2 63.2 63			56.1	29.4	0	-	-	1:		-	-	:			-		61.3
3500 58.1 61.3 62.6 63.2 63.2 63.2 63.2 63.2 63.2 63			57.4		-	2	2.	N		d	2.	2			2.		62.6
3500 58.1 61.3 62.6 63.2 03.2 63.2 63.2 63.2 63.2 63.2 63.2 63.2 6	1		58.1		2	3	3	3		3	3	3			3		3
5200 61.3 64.5 65.8 66.5 66.5 66.5 66.5 66.5 66.5 66					2.	3	177	*		3	3	3			3		3
2000 64.5 68.4 69.7 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70			61.3		5	0	9	.0		9	9	•			9		
1200 70.3 74.2 75.5 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1			64.5		6	0	0	0			ċ	0			0		0
70.3 74.2 75.5 76.1 76.1 76.1 76.1 76.1 76.1 76.1 76.1	1		64.5	68.4	6	0	.0	0			0	0			0		70.3
74.2 80.0 81.3 81.9 81.9 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6			70.3	74.2	121	9	0	9			9	.0			•		
76.8 82.6 83.9 84.5 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85	1		74.2			-	-	2			2	2		3.	2.		82.6
77.4 83.2 84.5 85.2 85.2 85.8 85.8 85.8 85.8 85.8 85			16.8	82.6	*	*	4	5			3	2		3	2		
78.1 84.5 86.5 87.1 87.1 87.7 88.4 88.4 88.4 88.4 88.4 88.4 88.4			77.4	83.2		in	100	5	'n		5	2	6-	2	5		85.8
78.7 65.2 87.7 88.4 88.4 89.0 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7			78.1	84.5	0	-	-	-	8		8	00			8		
80.0 56.5 89.0 69.7 89.7 90.3 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0			78.7	85.2	2	8	00	6			G.	6			0		89.7
500 81.3 88.4 92.3 92.9 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93			80.0	99	6	6	6	.0	-	:	-	-		-	-		91.0
200 81.3 88.4 92.3 92.9 93.6 95.5 96.8 96.8 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4	1		81.3	87.	•	-	2	2.		3	9	3		3	3	3	93.6
300 81.3 88.4 92.3 92.9 93.6 95.5 97.4 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1					2	3	m	10	•	•	-	-		-	-	-	97.4
200 81.3 88.4 92.3 92.9 93.6 95.5 98.1 98.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4	1		81.3		2.	2.	0	3.			8	00		10		8	
100 81.3 88.4 92.3 92.9 93.6 95.5 98.1 98.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99			81.3		5	5.	•	5	8	00	0	0		6	6	6	4.66
0 81.3 88.4 92.3 92.9 93.6 95.5 98.1 98.4 00.0100.0100.0100.0100.0100.			91.9		0	2	3.	2			4.6	66	3	46.6	66	6	99.4
			81.3	8	5	5	3	3		90	4.6	00	0	000	00	0	0001

TOTAL NUMBER OF OBSERVATIONS

155

### 

### CEILING VERSUS VISIBILITY

WHITING FIELD, FLURIDA STATION NAME

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

YEARS

1.5 HOURS (1.5.T.) MONTH

ENCE	
PERCENTAGE FREQUENCY OF OCCURRENC	(FROM HOURLY OBSERVATIONS)

	-	_	-	~	~	-	_	-	-	_	~	-	~	-	4	-	~	-	-	-	~	-	~	-	10	~		-	-	~	
		51.0	51.0	51.6	52.9	55.5	57.4	62.6	62.6	3	3	65.8	67.	68.4	68.4	6	3	72.9	œ	-	3	•	3						0	0	0
0	:	:	-	-	5.	2	-	5.	5	3	3	3	7.		*	6	2.	2.	8	-	2	9	5.						4.6	0	0.0
100	-	:	-	-	3	5.		2	2.	3.	3	5		8	00	6	2.	2	8	1						•	. 0		00	3.4	6
1.0	1.0	0.1	1.0	9.1	6.3	5.5	4.	9.	9.	9.6	8.5	9.6	1.1	3.4	4.	0.	6.3	*		6.	2.5	8.0	6.3	9.6	80	1.0	8.0	•			
100	1.0	1.0	1.0	1.6	5.9	5.5	4.4	9.2	5.6	3.9	5.8	5.8	7.7	8 . 4	4.6	0.6	203	5.0	8.7	1.9	2.5	5.8	2.3	3.6	4.8	6.1	6.8	8 . 1	8.7	4.6	4.6
1.0	1.0	1.0	1.0	1.0	5.9	5.5	7.4	5.6	5.0	3.9	5.8	5.8	7.7	4.8	4.8	0.6	2.3	5.3	8.7	1.9	5.5	5.8	2.3	3.6	8.4	6.1	8.9	8.1	8.7		
1.0	1.0	1.0	1.0	1.6	5.9	5.5	7.4	5.6	2.6	3.9	5.8	5.8	7.7	4.8	8.4	0.6	2.3	5.9	6.7	1.9	5.2	5.8	2.3	3.6	4 . 8	6.1	8.9	8.1	8.7	4.6	4.6
0.7	1.0	0.1	1.0	1.6	5.9	5.5	7.4	5.6	5.6	3.9	5.8	5.8	7.7	9.8	8.4	0.6	2.3	5.9	6.7	1.9	5.2	5.8	2.3	3.6	8.4	6.1	6.8	8.1	8.1		00
100		1.0	0	1.6	5.9	5.5	7.4	5.6	5.5	3.9	5.8	5.8	7.7	3 .	8.4	0.6	2.3	6		1.9	5.2	5.8	2.3	3.0	4.8	6.1	8.0	8.1	8.1		2.
1.0	1.	-	-	1.6	5.8	5.5	7.4	9.2	2.6	3.9	5.8	5.8	7.7	8 • 4	4.8	0.6	2.3	2.	100	6.1	3.2	200	2.3	3	3	0	0		0		
0	-	1.	-	-	5.8	5.5	7.4	1.9	1.9	3.2	5.5	5.2	7.1	1.1	7.7	4 . 8	1.6	2.3	8.1		4.5	5.5	1.6	2	*		5		96.1	3	
1.0	1.0		1.0	-	·	5.5	7.4	1.9	1.9	3.2	5.2	5.2	7.1	7.7	7.7	4.8	1.6	2	00	-	5	5	-	2.	;	5	5				. 9
0	-	-	1.0	1.0	2.3	*		1.0	2.0	6.1	3.0	3.9	60	6.9	6.3		0	-			•	2	00				-	•	-		-
0	:	-	-			54.8					-																			1.18	87.7
0.04	50.3	50.3	50.3	50.3	51.6	54.5	56.1				62.6	9.69	64.5	65.2		8 - 59	68.4	0.69	72.9	75.5	77.4	-	1.3	2.	3	83.9	83.9		3.	171	60
NO CEILING	N 20000	> 18000	2 16000	> 14000	12000					1		1		1						1											٥
	40.0 40.7 40.7 40.7 40.7 40.7 40.7 40.7	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$0.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$0.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	40.0 40.7 40.7 40.7 40.7 40.7 40.7 40.7	\$6.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	\$0.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	\$0.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	\$6.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	\$6.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	50.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	60.3 51.0 51.0 51.0 51.0 51.0 51.0 51.0 51.0	\$6.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	\$6.3 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	\$ \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.	40.0 40.7 40.7 40.7 40.7 40.7 40.7 40.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

73-77

(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE

HOURS (L S T 18

AAS

64.5 65.2 65.8 72.3 74.8 80.0 60.7 63.2 69.7 80.7 0.0010.0014.66 64.5 48.4 88.4 65.36 54.8 63.2 72.3 16.8 80.0 0.09 74.8 49.7 64.5 64.5 72.3 85.2 94.2 48.4 60.7 65.2 65.8 1.69 80.7 87.7 60.7 72.3 53.6 0.00 1.00 72.3 87.7 88.4 63.2 65.8 74.8 84.2 48.4 64.5 65.2 16.8 80.0 85.2 92.3 54.8 64.5 49.7 60.7 80.7 69.7 74.8 85.2 2.46 64.5 65.8 72.3 88.4 54.8 0.09 0.09 60.7 65.2 65.2 72.3 72.3 16.8 40.4 48.4 48.4 80.0 80.0 92.3 49.7 63.2 63.2 64.5 69.7 80.7 87.7 60.7 60.7 88.4 54.8 60.7 72.3 74.8 16.8 48.4 48.4 48.4 48.4 64.5 65.8 65.8 87.7 64.5 69.7 80.7 80.7 85.2 92.3 34.2 84.8 16.8 0.09 0.09 64.5 80.0 80.0 72.3 72.3 88.4 48.4 48.4 48.4 64.5 2.59 74.8 74.8 65.36 85.5 34.5 60.7 60.7 63.2 63.2 60.7 60.7 69.1 72.3 76.8 49.7 54.8 72.3 64.5 64.5 65.2 88.2 88.4 65.8 1.69 80.7 80.7 92.3 94.2 ٦. الم VISIBILITY (STATUTE MILES) 72.3 16.8 53.6 85.2 54.8 63.2 65.2 8.59 94.2 0.09 60.7 94.5 64.5 72.3 74.8 80.0 8.96 98.1 69.7 87.7 60.7 48.4 48.4 83.6 80.0 64.5 65.6 80.7 88.4 54.8 0.09 14.8 49.7 72.3 72.3 60.7 64.5 65.2 76.0 85.2 60.7 85.36 2.46 98.1 63.5 69.7 87.7 71 77 0.09 80.7 88.4 92.3 1.09 1.69 74.8 80.0 85.2 93.6 1.96 53.6 72.3 72.3 76.8 87.7 4804 2.69 04.5 55.5 65.8 48.4 54.8 60.7 64.5 48.4 1.65 80.0 4.88 48.4 48.4 53.0 65.8 72.3 72.3 63.2 72.3 72.3 74.8 8.96 85.2 54.8 60.7 64.5 6.9 0.00 0.09 64.5 64.5 80.7 87.7 42.3 2.59 5.59 69.1 65.8 54.8 1.09 64.5 74.8 76.8 1.96 63.5 46.5 47.1 48.4 80.7 1.09 1.69 80.0 81.9 85.2 88.4 92.3 87.7 77.4 51.6 1.69 1.69 9:16 52.9 56.8 57.4 72.3 74.2 76.8 47.1 61.3 61.9 61.9 62.6 62.6 63.2 54.2 57.4 58.1 6119 6119 56.5 67.1 84.5 85.2 46.5 47.1 57.4 58.1 60.7 84.5 89.0 1 0.69 74.8 81.3 71.0 75.5 52.3 0.09 51.0 63.9 69.0 40.5 12.3 86.5 86.5 78.7 40.7 47.7 0.65 9.29 4.89 71.0 53.6 72.9 54.5 43.5 56.8 58.1 58.1 63.9 64.5 67.7 75.5 75.5 58.7 65.2 44.5 58.1 43.2 0 NO CEILING (FEET) VI VI 8000 16000 Y 14000 2000 2000 3500 8 8 80 20000 2000 9 9 88 88 88 88 AI AI

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

40

93841 STATION

0

WHITING FIELD, FLORIDA

93841 STATION

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

245 21

1

T S 1) SUNON

63.2 63.2 64.5 67.7 70.3 71.0 73.6 72.9 53.6 54.8 63.9 68.4 72.9 58.1 66.5 59.4 60. ٨١ 53.6 59.4 53.0 6119 1.19 53.6 0.09 63.2 0.69 71.6 11.6 83.9 53.6 95.29 81.9 89.0 56.8 65.2 8.69 72.3 76.8 6119 66.5 69.7 78.7 53.6 53.6 53.6 53.6 53.6 6119 0.69 71.6 56.8 \$65 61.9 66.5 65.2 65.2 65.2 67.1 67.1 1.69 11.6 72.3 59.4 59.4 0.09 63.2 76.8 53.6 62.6 65.2 65.8 83.9 0.68 78.7 89.0 59.4 67.1 69.0 6.18 53.6 6119 65.2 65.8 64.5 66.5 11.6 78.7 83.9 0.09 95.79 71.6 56.8 72.3 6119 69.7 54.8 54.8 56.1 61.9 61.9 61.9 63.2 AI 1.09 63.2 63.9 69.7 52.3 55.5 61.3 70.3 14.8 52.3 52.3 52.3 67.7 81.9 52.3 76.8 58.1 58.1 60.7 87.1 87.1 58.7 69.7 \* 63.9 63.9 14.8 69.7 69.7 52.3 70.3 80.0 52.3 52.3 52.3 55.5 58.1 64.5 76.8 76.8 58.1 61.3 81.9 63.2 63.2 1.69.7 69.7 58.7 60.7 60.7 67.1 67.7 60. 7 14.8 52.3 52.3 70.3 55.5 61.3 67.1 80.0 58.1 64.5 67.7 54.8 58.1 58.7 60.7 VISIBILITY (STATUTE MILES) 52.3 65.2 52.3 58.1 63.2 64.5 4.61 52.3 55.5 6.19 63.6 67.1 1.69 1.60 70.3 76.8 86.5 52.3 2.09 61.3 14.8 54.8 58.1 60.7 67.7 81.3 58.7 65.2 67.1 51.6 51.6 52.3 52.3 6.19 69.7 70.3 86.5 51.6 51.6 52.3 52.3 4.64 81.3 63.9 69.1 58.1 58.1 58.1 64.5 52.3 55.5 60.7 61.3 63.2 74.8 16.8 86.5 52.3 67.7 54.8 60.7 60.7 58.7 VI 72 6.19 63.9 70.3 76.8 81.3 55.3 54.8 85.8 2009 61.9 63.2 64.5 64.5 65.2 74.8 19.4 51.6 52.3 55.5 57.4 57.4 58.1 61.3 62.6 62.6 63.2 54.5 67.7 69.7 85.8 58.7 1.69 63.2 65.2 66.5 66.5 67.1 7 0.69 57.4 57.4 0.00 0.09 63.9 68.4 69.7 69.0 60.09 76.1 78.1 61.3 61.3 63.2 67.1 67.1 80.0 2 2% 0.69 31.6 58.7 60.0 60.7 74.2 63.2 51.6 63.9 73.6 76.1 54.2 54.8 58.1 78.1 80.0 M Al 0.09 56.8 71.6 61.9 53.6 29.4 65.6 65.8 66.5 49.7 50.3 49.7 50.3 51.0 54.8 56.1 58.7 65.2 67.7 15.5 61.3 50.3 50.3 52.9 54.8 56.1 57.4 63.2 6 65.2 71.0 53.6 58.1 51.6 52.9 57.4 65.2 69.7 51.6 55.5 52.9 57.4 0.09 52.3 61.3 4.89 11.0 72.3 49.7 49.7 60.7 53.6 58.7 ٨I 48.4 51.0 6.94 54.8 56.1 6119 46.5 54.2 55.5 58.7 58.7 58.7 60.7 61.9 47.7 61.3 63.2 AI 2 ٨١ NO CEILING (FEET) VI VI 00081 00081 80 ≥ 20000 VI VI 72000 000 000 000 2000 2000 3000 2000 886 800 88 88 38 88

AI AI

AI AI

AI AI

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

MONTH

Ē

				ERCEN	ENTAGE (FROM	FREQUE	UENC)	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	CCUR	RENCE					ALL MOUSE (LS	ALL
CEILING (FEET)							-		NTUTE MILE	1					1	
	01 1	0	n	7	e Al	2 21/2	2.5	7.	*	-	*	*	2	2 5/16	2	0
NO CEILING		41.9	44.5	40.4	41.3	41.0	41.7	41.0	47.8	41.6	47.4	47.5	27.00	47.5	47.7	48.1
1 18000			44.5	45.7	9	0		1:	47.2		47.3	47.3	61.5	47.5	1:	48.1
1 16000		41.9	44.5	45.1		0.94	47.1	41.2	2.14	- 1	41.3		61.5	61.0	47.7	1.04
1400		45.0	45.2	0.0	47.4	4.7.4	40.	8	0.0	48.0	48.	48.1	9	8	480	48
V 10000		44.5				2005		0	8.06	20.8	20.9	50.9	1.16	51.1	:	51.7
0006 AI		45.2		6.64		-	51.5	-	51.6	-	51.7	51.7	51.9	51.9	52.1	52.5
8000		47.0	4.0	0.60	34.4	104.0	1965	20.00	20.00	55.2	55.6	55.0	35.0	55.0	56.0	56.1
- 1		48	52.2				• •	. 0		9	0	0	0		0	56.9
8 8 8			53.4	55.0		. 9	57.2	57.3	57.3		57.3		57.6	57.6	~	58.2
1		6	53.1	55.3	.0	9	1.				37.1	57.7		57.9		
0004				56.4	-	-	38.6	28.6	28.6	58.6		58.7	•	59.0	59.1	56.5
		51.5	22.6	57.5		00	29.4		29.4	29.4	54.5	54.5		59.8	58.6	60.3
3000		52.0		37.0	59.3		0.09		60.1	0	60.2	2.09		6000	000	61.1
7 2500		4 .	50.0	59.3	60.64	000		61.6	91.6	61.0	44	010	0.70	62.0	64.2	62.6
		55.4	66.2	62.0	63.1	1 20	7 - 7 9	. 4		. 4	. 4	64.8	2	65.2	2	65.7
38		57.7	63.0	65.2	67.0	7		-		8		68.2	68.6		68.8	69.3
1		1.65	6.40	67.4	69.3	69.3	1001	70.2	70.5	70.3	70.5	70.5		11.0	11.1	71.6
000		6.09	6000	9.69	71.8		72.6	72.7	72.7	72.8		73.0	73.5	73.5	-	74.1
88		61.2	0 0	70.1	72.3	72.3	73.1	73.2	13.2	73.3	73.3	76.8	200	14.0	77.02	14.7
1		63.6		14.6		17.2			18.3		78.6	78.6		0.6/		19.8
88		64.0		75.2	19.0			80.1	80.1	80.3		80.5	31.0	81.0	81.2	
1		4.59	73.2	11.1	1.08	0	81.9	82.3	82.3	82.7	82.9	82.9	83.4	4.58	83.6	84.2
111		2.59		0.61	82.3	82.5	84.2	84.8	84.8	85.2	85.4	85.4	85.9	85.9	86.1	86.7
1		1.99		0			9				88.5	88.5	0.68	0.68		89.8
98		2.99		0			87.9	89.1	89.1	90.3	0.16	91.0	21.7	91.8	92.1	92.7
8			24.8	0 0	4 4	200	00 0	, o	m 0	91.1	92.0	0.26	0.00	0 0	0 0	6000
1		7.00	•	5			7 . 00	:			,	1.5.	?	•		2

TOTAL NUMBER OF OBSERVATIONS

1240

1133

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841 STATION

00 HOURS (1.5.T.)

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2 41	9 11	-	1 -	0 0	≥ 2% 52.5	~ .	= =	2 .	Y	2 % 50.1	* -		2 5/16	≥ ¼ 56.7	٥ ا ا
	48.9	52.5	5		56.7	58.9	58.0	58.9	•		61.0		~	•	61.0
	0.0		500	0.0	•	•		200	0 4	010		000	010	010	10
		•		0		0		•		-	•	:			
		7.00	000		•	0.40			6.00					•	
	20.4		26.1	•	00		0	0	-		4.20	.,		4.20	
	51.1			58.5	98.9	•	•	0.10	61.7	63.1	63.1	1.69		63.1	63.
	51.1		57.5	•	8		-	-	61.7	-	-		63.1	63.1	63.1
	52.5		0			2.	2	2.	3	64.5		*	*	;	
	53.2		59.6	60.3	61.0	63.1		63.1	63.8	S	65.3		65.3	65.3	65.3
	53.9		0	-	-			3.		0		0	9		999
	54.6		61.0	61.7	62.4	4		64.5	65.3	66.7	66.7	9	66.7	66.7	66.
	56.0		~	63.1		9	0			68.1	1.89	8	œ	68.1	68.
	56.0		~	63.1	63.8			0.99	66.7	68.1	68.1			68.1	68.1
	57.5		17)	64.5	65.3				*	69.5	66.69	6	6		69
	59.6	63.1	0.99	66.7	-	69.5	69.8	69.8	70.2	:	-	71.6	71.6	71.6	71.6
	61.0		-		0		0						73.1	73.1	
	63.1		6	70.2	40.0		6	73.1	73.8	75.2	75.2	75.2	75.2	75.2	75.2
	63.1		6		0	3				75.6			75.2	75.2	75.2
	63.1	66.7	ċ	40.0	•	74.5	74.5	74.5	75.2	76.0			76.6	76.6	76.6
	63.8			71.6	F-4	75.2	5	75.2	120	77.3		77.3	77.3	77.3	77.3
	64.5		72.3	73.8	•	77.3	77.3	77.3	78.0	•		19.4	19.4	79.4	19.4
	64.5		72.3	73.8	6.41	77.3		•		19.4	0	8	6	79.4	79.4
	64.5	69.5		75.2	15.9	78.7	8	78.7	6	0	80.9	C	80.9		
	54.5			15.9				•		82.3	N		82.3	82.3	82.3
	64.5		75.2	77.3	78.0	82.3	2.	82.3			84.4	84.4	84.4	84.4	84.4
	5.49			19.4	80.1					86.5			86.5		
	64.5	72.3	78.0	81.6	82.3	86.5	86.5	86.5	87.2		88.7	88.7	88.7	88.7	88.
	64.8		19.4	85.1	85.8	90.1	1.06		2	93.6			93.6	93.6	93.6
	64.5	73.8	80.1	85.8	36.5	8006	8.06	8.06	92.9	6.46		84.3	94.3	64.3	-
	64.5	73.8	80.1	85.8	86.5	90.8	80.6	90.8		94.3	6.46	64.3	6.46	94.3	94.3
			-												

TOTAL NUMBER OF OBSERVATIONS

141

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

URIOA

73-77

(FROM HOURLY OBSERVATIONS)

11

PERCENTAGE FREQUENCY OF OCCURRENCE

MONTH COS

Ē

71.6 71.6 58.2 58.2 58.9 61.0 62.4 65.3 68.89 40.0 82.3 58.2 6003 87.2 58.2 74.5 80.9 78. 78. ١٨ 70.5 64.5 68.1 6.0/ 15.2 78.0 84.4 87.2 59.6 57.5 57.5 58.2 73.8 78.0 81.6 86.5 60.3 62.4 62.4 65.3 65.3 70.9 57.5 37.5 57.5 57.5 57.5 57.5 62.4 61.7 63.1 80.1 61.7 ٨١ 68.1 80.1 87.2 86.5 58.2 64.5 400 15.2 78.0 70.2 78.0 84.4 57.5 59.6 73.8 81.6 92.2 57.5 57.5 70.9 6003 62.4 61.7 63.1 2 5/16 61.7 78.0 80.1 59.6 60.3 70.5 6.01 0.87 9118 84.4 87.2 62.4 62.4 62.4 65,3 65,3 68.1 58.2 10.9 86.5 86.5 63.1 64.5 61.7 ٨١ 78.0 18.0 73.8 75.2 87.2 60.3 70.2 4.07 6.01 81.6 58.2 63.1 64.5 62.4 62.4 80.1 61.7 68.1 58.5 4.07 75.2 80.1 81.6 39.6 78.0 78.0 40.01 73.8 84.4 91.5 57.5 87.2 60.3 64.5 65.3 68.1 70.5 86.5 4.68 61.5 63.1 61.1 61. % Al 84.4 57.5 65.3 68.1 70.2 10.9 73.8 15.2 78.0 78.0 81.6 87.2 57.5 57.5 57.5 58.2 59.6 6000 61.7 62.4 62.4 62.4 70.9 80.1 64.5 86.5 91.5 61.7 63.1 AI VISIBILITY (STATUTE MILES) 89.4 9.69 62.4 78.0 81.6 65.3 86.5 57.5 57.5 60.3 64.5 6.07 4.68 57.5 61.7 70.2 73.8 63.1 58.1 84.4 10.9 75.2 78.0 80.1 87.2 88.7 58.2 ۲ ۲ 61. 58.5 57.5 68.1 62.4 75.2 80.1 31.0 87.2 4.68 4.07 78.0 73.8 0.87 94.4 86.5 59.6 60.3 61.7 63.8 64.5 70.2 6.07 88.7 63.1 61.7 83.0 76.0 61.0 78.7 76.6 86.5 67.4 70.2 70.2 56.7 57.5 4.29 66.1 69.5 56.7 58.9 29.6 61.0 73.8 80.1 83.0 85.8 86.59 61.7 64.5 56. 010 ٨١ 14.5 02.4 55.3 56.0 9.65 68.8 68.8 11.6 75.9 66.0 55.3 57.5 63.1 55.3 55.3 6.09 010 10.9 74.5 6.11 82.3 80.1 2 2% 9.69 0.99 68.8 40.0 71.6 75.9 62.4 77.3 63.1 74.5 55.3 56.0 58.2 60.3 68.8 74.5 68.1 80.1 55.3 60.3 90.65 65.3 9.65 79.4 57.5 58.9 62.4 4.19 75.2 3.5 7.6 4.61 34.0 55.3 68.1 73.8 7.3 70.4 54.6 54.6 6.01 34.6 70.2 61.7 68.1 60.3 56. ۸۱ 4.19 26.0 26.0 61.0 4.19 68.8 57.5 67.4 70.5 70.5 51.8 53.5 58.5 62.4 65.3 4.10 70.5 70.2 10.2 51.1 53.9 55.3 55.3 64.5 10.2 51.1 63.1 63.1 51.1 56.7 51.1 VI VI 24.6 9066 29.6 26.0 9.65 9.65 9.69 53.9 24.6 94.6 26.0 58.5 58.5 9.65 59.6 47.5 20.4 51.8 8.95 46.8 46.8 68.8 50.4 51.8 58.2 58.2 49.7 49.7 51.1 6.6 ۰ ۱۸ 2 M NO CEILING 80 VI VI 00081 00081 00081 4500 CEILING (FEET) ≥ 20000 12000 3000 2000 VI VI 000 000 000 2000 2000 1500 1200 88 88 88 88 AI AI

TOTAL NUMBER OF OBSERVATIONS

141

38.00

DIRNAVOCEANMET SMOS

12554-0618

93841

388

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841

00 HOURS (1 S T ) F EB

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

141

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, PLURIDA

F E B

2

00 HOURS (1 S T )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

						VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(c)						
2	٥ ٨١	VI VI	AI	ε Al	≥ 2%	71	YI %	VI 7.	Ā	% AI	₩ Al	N Z	2 5/16	N N	٨١
	45.6			8	00	80	8				6	6	6	6	20.4
	48.2		3		9	.9	•	•	9		-	-	-	-	58.5
	6.8		9	-		7.						0	8	8	58.9
	48.9			-	-	-	7		-		8	00	8	8	58.9
	6.84		•	:		-					8	0	8	8	58.9
	1.64			8	8	8	8	*			6	6	6	6	6003
	53.2			3	3	3.	5	3	•		3.	3	3.	3.	64.5
	53.9	61.0			*	. 4		;	*		3	2	5	2	0.99
	26.0				9	9	9	9	9						68.1
	56.7				8	8		8	8			8	8	8.	69.5
	57.5				0	8	8		8		6	6	6	6	0
	39.6				0	0	0		0		-	-	-	:	72.3
	59.6				0	0	0		0		-	:	-	-	72.3
	59.6				0		0		0		-	:	-	-	72.3
	60.3				-	-	-		-		2.	7	2.	2.	73.1
	61.7				3	3	3				3	3	3.	3	74.5
	61.7				*	3	*		*		5	2	5	2	2
	61.7				5	5	5		5		3	3	5	2	16.6
	62.4					7					0	8			00
	63.8				00	*			•		0	0	0	0	81.6
	64.5				0.	6	0		0		0	:	-	-	2.
	64.5				-	-	2.		2			3	3	3	
	64.5				-	-	2				3.	3	3		
	65.3				4	3	2				3	. 9			
	0.99				5.	5	0		. 9		-		8		6
	66.7				10		-		-			0	0	0	
	66.7	17.3			. 9	-					0	0	•	•	
	56.7	77.3	0		-	-	0		ċ		5.	2	2.	5	3
	1.99	77.3				2			0		2.	7	2	2	
	66.7	77.3	0		1.	-	0		0		5		3	3	0.56
	66.7	77.3	0		1	7.	0		0		. 2		*		
		77.3	0			-	0		ċ		7	;	*	•	0000
		5 444444444444444444444444444444444444	0	48.9 55.3 56 48.9 55.3 56 48.9 55.3 56 48.9 55.3 56 48.9 55.3 56 48.9 55.3 56 48.9 55.3 56 58.9 66.0 57 58.0 68.1 64 58.0 68.1 68 58.0 68 5	42.6 46.8 47.5 48 48.9 55.3 56.0 57 48.9 55.3 56.0 57 48.9 55.3 56.0 57 48.9 55.3 56.0 57 49.7 56.0 57.5 58 53.9 61.0 62.4 64 56.7 63.8 65.3 68 59.6 56.7 68.1 70 61.7 59.5 66.0 68 59.6 56.7 68.1 70 61.7 69.5 70.9 74 61.7 69.5 70.9 74 64.5 74.5 76.6 61 66.7 77.3 80.1 87 66.7 77.3 80.1 87 66.7 77.3 80.1 87 66.7 77.3 80.1 87 66.7 77.3 80.1 87	48.6 46.8 47.5 48.9 4.48.9 48.9 55.3 56.0 57.5 56.7 56.7 56.7 56.0 57.5 56.7 56.7 56.0 57.5 56.7 56.7 56.0 57.5 56.7 56.0 57.5 56.7 56.7 56.0 57.5 58.9 56.7 56.0 57.5 58.9 56.7 56.0 57.5 58.9 56.7 56.0 57.5 58.9 56.7 56.0 57.5 58.9 56.7 56.0 58.1 70.9 70.5 70.5 70.9 70.9 70.5 70.5 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9	42.6 46.8 47.5 48.9 48.9 48.9 48.9 48.9 48.9 48.9 55.3 56.0 57.5 57.5 57.5 57.5 57.5 57.5 57.5 57	42.6 46.8 47.5 48.9 48.9 48.9 48.9 48.9 48.9 48.9 48.9	42.6 46.8 47.5 48.9 48.9 48.9 48.9 48.4 48.9 55.3 56.0 57.5 57.5 57.5 57.5 57.5 57.5 57.5 57	42.6         45.2         23.         22%         22.         21% </td <td>48.9 55.3 56.0 57.5 57.5 57.5 57.5 57.5 57.5 57.5 57</td> <td>42.6         23.0         <td< td=""><td>  10   2 6   2 5   2 4   2 3   2 2 6   2 1 6 2 6   2 1 6 2 6   2 4 6 8   47 5 48 9   4</td><td>  0   2 4   6 5   2 4   2 3   2 20   2 2   2 10   2 10   2 2   2  </td><td>  42.6   24   24   24   24   24   24   24   2</td></td<></td>	48.9 55.3 56.0 57.5 57.5 57.5 57.5 57.5 57.5 57.5 57	42.6         23.0 <td< td=""><td>  10   2 6   2 5   2 4   2 3   2 2 6   2 1 6 2 6   2 1 6 2 6   2 4 6 8   47 5 48 9   4</td><td>  0   2 4   6 5   2 4   2 3   2 20   2 2   2 10   2 10   2 2   2  </td><td>  42.6   24   24   24   24   24   24   24   2</td></td<>	10   2 6   2 5   2 4   2 3   2 2 6   2 1 6 2 6   2 1 6 2 6   2 4 6 8   47 5 48 9   4	0   2 4   6 5   2 4   2 3   2 20   2 2   2 10   2 10   2 2   2	42.6   24   24   24   24   24   24   24   2

TOTAL NUMBER OF OBSERVATIONS

141

188

96.5 96.5 96.5 96.5 96.5 96.5

95.0 95.7

96.5 96.5

96.5 96.5

84.3

6.46

94.3 94.3

1.06 1.06

80

AI AI

88

AI AI

45.7

95.7 95.7

94.3 94.3

1.06 1.06

35.1 35.1

AI AI

8 88

1.06 90.1

85.1 85.1 85.1

95.0

92.2 94.3 92.2 94.3 92.2 92.2 92.2 92.2

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

MONTH

FEB

=

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES	(\$3						
(FEET)	2	4 Al	so Al	4	e Al	> 2%	2 41	۷۱ ۲۲	VI 7.	-	¾ Al	*	% Al	≥ 5/16	N NI	AI O
NO CEILING		51.1	53.2	53.9	54.6	24.6	54.6	54.6	54.6	54.6	54.6	. 4	54.6	4	54.6	54.
≥ 20000		57.5	29.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
> 18000		57.5	59.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.1	61.7	61.7	61.7	61.7	61.
00091		57.5	39.6	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.
> 14000		58.2	60.3	61.0	62.4	62.4	62.4	62.4		62.4	62.4	62.4	4.29	62.4	62.4	62.4
7 12000		58.9	61.0	61.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1		63.1	63.1	63.1	63.1
		61.0	63.1	63.8	65.3	65.3	65.3	65.3	5	65.3	65.3	65.3	5			65.3
0006		61.0	63.1	63.8	65.3	65.3	55.3	65.3	65.3	2	65.3		65.3	65.3	65.3	65.3
1		63.8	0.99	66.7	68.1	68.1		68.1	68.1	68.1	68.1	68.1	1.89	68.1	1.89	68.
7000		65.3	67.4	68 . 1	69.5	66.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69
1		65.3	4.19		69.5			6	6	69.5			6	6	69.5	69
2000		65.3	67.4	68.1	69.5	69.5	69.5	69.5	69.5		69.5		69.5	6	69.5	69
		65.3	4.19	68.1	6					6	69.5	69.5		69.8	69.5	69
141		0.99	68.1	68.8	70.5	70.2	70.2	70.2	70.2	70.2	70.5		70.2	0	70.2	70.5
1		66.7	69.5	70.2			-			-	71.6			-	11.6	71.6
3000		70.2	73.1	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2		75.2	75.2	75.2	75.2
1		73.8	76.6	77.3	78.7		78.7	78.7		78.7	78.7			8	78.7	78.
7000		16.6	19.4	80.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	-	81.6	81.6
1		77.3	80.1	80.9	82.3		82.3	82.3	2	82.3	82.3		82.3		82.3	
1 20		80.9	84.4	86.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9		87.9	87.9	87.9
1		83.0	86.5	88.7	1.06		90.1	1.06	0		1.06	1.06	1.06	1.06	90.1	90.
1 1		83.7	88.7	8.06	92.2	92.2	3.26	92.2	92.2	92.9	95.9	6.26	6.26	•	92.9	92.9
		83.7	88.7	8.06	92.2	92.2	92.2	92.2	92.2	92.9	95.9	65.26	65.6	92.9	92.9	92.9
8		85.1	1.06	92.2	93.6	93.6	6.3	6.36	94.3	95.0	95.0	98.0	95.0		95.0	95.0
		85.1	90.1	92.2	93.6	93.6	94.3	64.3	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.
8		85.1	1.06	92.2	64.3	64.3	95.0	0.56	0.56	95.7	36.5	6.96	96.5	96.5	96.5	96.
			· WW		*		-	2 4	ME	2 4 4	3 7 1	7 7 1	3 7 1	4 7 1	7 7 1	AA

TOTAL NUMBER OF OBSERVATIONS

97.2100.0100.0100.0100.0100.0100.0100.0 97.2100.0100.0100.0100.0100.0100.0

141

8481

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 FEB

E

CEILING									יייייייייייייייייייייייייייייייייייייי	1						
(FEET)	5	9 11	\$0 Al	4	11	≥ 2%	~ 1	VI 2/2	VI 22	- AI	% AI	*	Z Al	2 5/16	AI N	AI
NO CEILING		56.0		58.9	8	58.9	58.9	59.6	6	59.6	59.6	6	6	6	59.6	59.
> 20000		61.7	63.8	64.5	64.5	64.5		65.3	65.3		65.3	65.3	65.3	65.3	65.3	65.
18000		61.7		64.5	*	. 4		65.3		65.3	3	65,3	5	•	•	65.
14000		61.7		64.8	64.5	64.5	64.5	65.3	5	65.3	65.3	65.3	65.3	5	65.3	65.
14000		63.1		0.99	9	0.99	0.99	66.7	9	1.99			0	9		.99
7 12000		65.3		68.1	68.1	68.1	68.1			68.89	68.8	68.8		68.89	68.8	68.
		66.7		69.5	6		6					70.5		70.2		10.
000		66.7	68.8	69.5	69.5	60.2	6.69	70.2	70.2	70.2	70.2			0	70.2	10.
1				6.01	0	10.9						11.6		71.		11.0
7000		68.8	70.9	71.6	71.6	71.6	71.6	72.3		72.3	72.3			72.	72.3	72.
1			12.3			13.1						3				13.
2000		10.0		73.8	73.8	73.8	73.8	74.5		74.5		*	74.5	•		74.5
}		11.0	73.8	74.5	3	3		75.2	5			75.2			3	3.
000		71.6		74.5	74.5	74.5	74.5	75.5	75.2	78.2	75.2		75.2	75.2	75.2	75.2
1		13.8		16.6		16.6		17.3			11.3	-	17.3			1
3000		16.6		19.4	80.1	80.1	80.1	0		•			0		80.9	80.
1		78.7			82.3		82.3	83.0	83.0	83.0		83.0	83.0	3	83.0	83.
2000			83.0	83.7	;	84.4				3	85.1	85.1	85.1	20	85.1	
				84.4	85.1				2	30		85.8	85.8	5	85.8	
1200		83.7		6.48			88.7		4.68	•	89.4		89.4	6		89.
1				8.06	-	91.5		92.2	5.	2.		82.2	92.2	2.	5.	92.
000		85.8	0	91.5	92.2	92.2	92.2	95.9		•			92.9	2		95.
		85.8	4.68	92.2		92.9	92.9	93.6				93.6	93.6	3	93.6	93.
8		87.9		0.86	95.7				97.2	-	-		97.2	-	•	97.
		87.9	2	98.7			-	98.6	8	98.6	00	98.6		8	00	98.
8		88.7		96.3	97.2	7		6	6	6	66.3		99.3			66
		88.7	93.6	96.5		97.2	98.6	66.3	99.3				100.0	100.0	100.0	1001
8		38.7		8.96	97.2	97.2		66.3		10000	100.0	100.001	100.0	100.0	100.0	100
38		38.7	3.	96.5	2.16	3.16	98.0	99.3		0.001	0.001	100.00	100.0	•	100.0	100
300		88.7	93.6	96.5	97.2	97.2	98.0	8.66	99.3	0000	•	•		0	100.0	100
8		200	33.6	6.96	67.2	2.16	98.0	66.3	66.3	0000	0.001	100.001	100.0	1000	100.0	001
						-		-	-							

TOTAL NUMBER OF OBSERVATIONS

141

-

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING PIELD, FLORIDA

93841

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (LST.) F E B

1010

		٨١		0.9	0.9		9		6.6	9.5	3.8	4.3	4.5	4.2	4.5	9.9	8.0	8.1	4.6	2.3	2.3		6.5	7.9	7.9	2.2	5.0	5.7				0.0		
			-			0	9		5	5	8		2					7	*	m		4	s S		0	2	0		6			010	4	4
		VI 7			99		99	68.	69	69	73.	74.	14.	74.		76.		78.	19.				86.			92.		95.	.16	99.	66	00	00	00
		5/16	*	0	0	0		8	30	5	00	.5	• 2	5	5	9.	0	~	4.	.3	3	4	.5	6	6.	.2	0		6	· m	63	10.	0.	.01
		٧١	29		99		99		69	69	13	7	14	4	14	16		18			82		86			85	5	-		0	66	001	100	001
		. 2		0.	0.0			. 8	.5	.5	•		•				0		*	. 3		4.		6.	0.		0	1.	6.			0.0	•	0.0
		ΛI	0	•	9		9	0	6	9	13	74		-		-	2	78			82	8	86	8	88	6	66		6	0	6	2	-	2
1		*	2.		0.9	0.9	6.1		6.6	9.5	3.8	4.3	•	4.5		•	œ	8.7		2.3		4 . 4	6.5					8		6	•	0.0	0.0	•
			4	0	9 0		9			2	0	5 7	2		-	9	_	1		3	3 8	4				8		1			3	010	010	010
		VI %	2.	;	99	;		58				•						78.		i	2		86.	87.	-	5	95.		.16			00	0	•
			_			0	-	8	5	S			5			•	0		4	m	w	4			O	~	0	-		m		-		310
	(S	VI.				-	99	68	-			4			3			78			82			87	-	~	5	10				66	66	_
1	VISIBILITY (STATUTE MILES)	7.1		0										.3		9.					e.		•	6.			•			9.	9.	9.	9.	.0
1	TATUT.	ΑI	62		99		99	68		69		2	7.4	7.	74		78	78	-	œ	82		96	20	00	3	9	2	6	3	86	96		98
	TY (SI	1%		0.9	0.9	0.9	6.7	8.0	9.5	9.5	3		•	4.5		6.9		8.7		•	•	4.4	•	4.6				5.7	•		8.6	•	9.8	8.0
1	18181	ΛI	9		9	9		9			-			7	-			0 7	-					20	œ	3	0		0	0			6 6	6
1	>	AI	61.	5	•	5	9	•	60	68.	•		•					78.		•	-	151	5	87.		-		•	•	•		7.	14.	37.
						80					9	<u>.</u>	3	<u>w</u>	6			9	3	_	-	m			20			0	c	103	20	m	2	m
		> 21/2	00	63	63	63	40	99	67.	67	1.	72	12	72	12	74.		76.	-	80.		28	4	83			92	92	63		36	56	56	94.
1		е п		00	æ	00	S.	. 7	4.	4	9.	3		.3		5	0.	•		7	7.	· .		7.	-	4	ż	.2	6.	6.	6.	0.	6.	6.
		ΛI	09	63		63	99	99		67	71	72	72	72	72	74	75	76	77		80	82		25	10	89	16	92	26		26		26	-
1		•	9.6	3.1	3.1	3.1	.03	0.9	2.1	6.7	0.0	1.6	1.6	1.6	1.6	3.8	5.5	5.8	9.9	5.7	8.7	6.0	2.3	1	3.7	7.2	8.7	4.6	1.0	0.1	0.1	0.1	0.1	0.1
1		٨١	2	9 1		9 1	9	0	9	0	2	2 7	7	2 7	-	2	7	2	-	1 9		2	8	9	2	20	œ	ac	6 9	0	8	0	6 8	00
		۷۹ ۸۱	58.	21.	51.	61.	2.		5	•	6	0	0	0	0			*	5	9		78.	80.	-	87.	84.	83	2	•	ic	5	2	5.	85.
			5		0		-	8	5	10	-	-	_	-	_	N	6	0	-	9	OC.	2	5	-	5	0	-	4	4	*	4	4	5	4
		۸I	57.	61.0	61		61.	69	64.	64.	63.	68	68.	68	68.	0	71.	72.	73.	73.	13.	75.	75	76.	76.0	78.	18.	79.	10.	19.	19.	79.	6/	79.
		2						-							-								-					-						
		Ž																																
	Ö	E	ING	000	8	16000	000	8	000	0006	00	2000	00	2000	0	4000	00	3000	00	2000	8	1500	00	000	00	8	8	8	900	400	00	200	8	•
	CEILING	FEE	NO CEILING	Y 2000	V 18	1 11	140	7 12000		8		1 1	1	1 VI	1	1 71	1	1 AI	1	1 1		AI AI		1 1		1 11		IAI		IAI		IAI		IAI
L			Z										_		_				_				_		_						_			

141

TOTAL NUMBER OF OBSERVATIONS

2110

### NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

CEILING VERSUS VISIBILITY

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 F E B

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES)	(5)						
(FEET)	5 7	۰ ۸۱	S AI	7.1	W AI	≥ 2%	~ Al	7 1%	VI 74		% Al	*	VI VI	≥ 5/16	× AI	0 11
NO CEILING		52.0	56.0	58.9	57.5	58.5	6003	600.3	60.3	600.3	600.3	600.3	60.3	600.3	6003	600.3
00001		3 00		00	6	0	20	2		200		2		2 2		62.4
1 4 000		53.9		00	6	60.3	5	2	N	2		2		2		62.4
		54.6	58.	6	0	-		3.	3	3		3		3		63.1
> 12000		26.0	09	1.	1	5		*	•	4	•	4				4
N 10000		56.7	0.19		2.	6		6	• 6	3.	•.	3		2		65.3
		58.5	62.	m	3	*	0	0	0	0	•	0		0		0
		29.6	63.		3	0	8		00	8	•	20			•	
> 7000				3		9	8		00	8	•	8		00		8
		61.0			9		6	6	6	6	•.	6		. 6		6
2000				9	9	-	•	•	6	·	•	6		6		69.5
		62.4			00	20	0	0		ò	•	0		0		0
141		62.4		-	8	0	-	-		-		-		-		:
1					6	0	3	2		3		2.		2		2.
3000		65.3		ċ	3	503	5	5		30		5		5		3
1		26.0			*	5	-	-				-				
141		67.4	72.3	73.1	75.9	0		8		8	•	00		8		78.7
				3	3	.0	8			8				8		9
1500		68.89		*	-	63	0	0		ċ		0		0		0
		68.89		•	200		0	0		ċ		0		0		•
90		68.8	•	*	8	8	0	0		0		0		0		
			73.8	*	8	8	0	0		ċ		0		0		0
00 Al		69.5	•		:	2	*	3		4	•	;		*		
				0	. 9	-		6		•		6		6		
00		10.9	77.3	-	-	-	0	0		ċ		ċ		•		90.1
				1.	-		0	0		0		•		0		•
400			•	2.	00	0	2	2		2		5		2		3.
38			18.7	0.68	90.1	0				4 .				\$ .		
		(2.3	•		1.06	0	4.	:		3			•	•		:
8		72.0	0 0		1.00		000	•		0		n u				
		6.7	•		100	0	6	:		0	•	-		•	•	5

TOTAL NUMBER OF OBSERVATIONS

141

SMOS DIRNAVOCEANMET

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA STATION NAME

93841

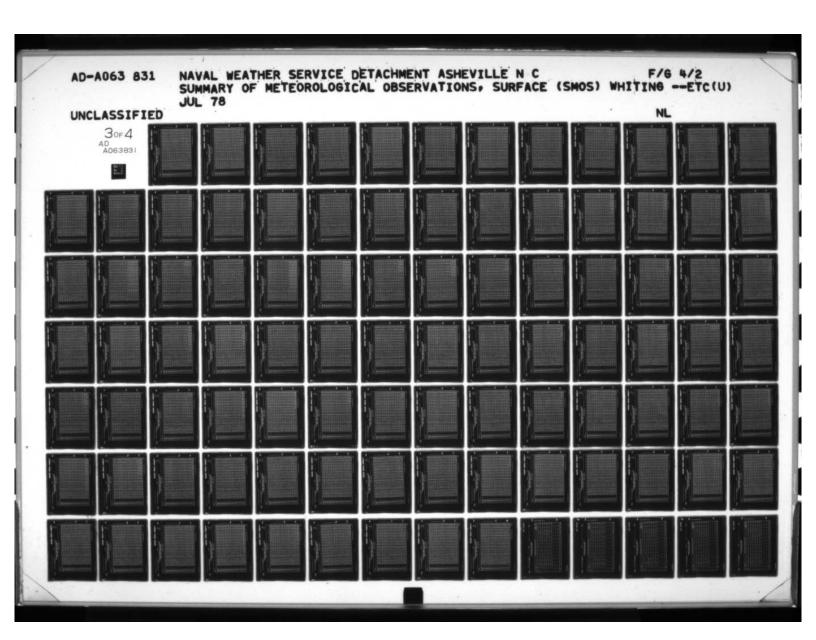
PER MONTH

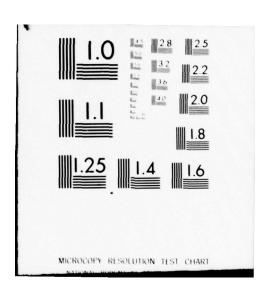
				PERCEN	TAGE	FREQ	UENC	PERCENTAGE FREQUENCY OF OCCURRENCE	CCUR	RENC	ш				ALL	_
				=	(FROM	HOURLY	LY OB	OBSERVATIONS	TION	<u>(6</u>						
CEILING							VISI	VISIBILITY (STATUTE MILES	ATUTE MILI	<b>ES</b> )						
(FEET)	V 5	۰ ۸۱	45 Al	4	ε Al	> 2%	7	۲۱ ۲۷	۷۱ ۲۷	- AI	% Al	*	Z Al	≥ 5/16	NI N	٨١
NO CEILING		48.3		53.4	53.9	54.1		55.3	5	s.		55.9		55.9		50.3
≥ 20000		52.1	55.9	57.6	58.4	8		59.8	6			4.09	0		•	
≥ 18000		52.5	55.9	57.7	3	58.7	20.4	6	5	60.1		60.5		60.5	9.09	
≥ 16000		55.5	55.9	1.	58.5	œ				0	0	0	0		•	
≥ 14000		52.8	56.5		6	6	ò	60.5	0	9.09	61.0	0119		010	-	61.4
		53.9	57.0	20.5			-		61.7	-	•			2	5	62.7
		55.6	59.3	1 .	62.1	62.2	63.3	3	3	3.	64.1	1 . 59	1.49	4.	*	
0006 X		55.9	59.8	61.6	5	2	3.		0.49	2.59	64.5			4	9.69	65.0
		57.9	62.2					0	66.5	9	0.19		0.19	0.49	•	
1 1 1000		58.4	62.8	64.7	65.7	68.0	6.99	67.2	67.2	67.4	67.7	67.7		67.7	67.8	68.2
1		59.1	63.5	4.59		9					68.4	4.89	8	4.89	68.5	68.8
2000		20.1	0.49	0.99	6.99	67.1	5.89	4.89	68.4	68.6	0.69	0.69	6		69.1	
1		60.3	9.49	9.99				0	6	69.2		9.69		9.69	1.69	70.0
141		8.09	65.2	67.2	68.3	4.39	69.5	8.69	8.69		70.3	70.3	70.3	70.3	10.4	70.7
1		61.8	66.3	4.80	4.69	9.69		10.9		-	71.5	11.5	1.5	71.5	71.5	71.9
3000		63.7	68.4	70.4	71.6		72.9	73.1	73.1			73.7		73.7	73.8	74.1
		6.49	69.8	-:	73.3	13.5		*	14.8	75.0		75.4	15.4	78.4	2.	75.8
2000		66.1	71.2	73.5	75.1		76.3	76.6	16.6	76.8	77.1	77.1		77.1	77.2	77.6
		66.3	71.5	73.9	75.5	13.	76.3	77.0	77.0	-	17.6			17.6		
1500		68.1	73.7	76.5	78.3		19.6	80.1	80.1	80.2				80.7	80.9	81.2
		68.9	14.7		4.64	6	31.0	81.5	-	81.7			7	82.1	82.3	
1000		9.69	16.0	0.64	81.0	81.4	62.6		83.1				84.0	84.0	84.1	84.5
		9.69	0.9/		-	-	82.7	83.2	83.2		83.8	63.8	0.48	84.0	*	84.6
008		70.4	77.3	81.1	93.6		85.5	3				86.5		86.8	87.0	87.3
			17.9		85.0	85.5	87.3	87.8		0.88	88.0	88.6	88.8	88.8	0.68	89.4
9		71.5	78.7	83.1	86.3	86.7	88.7	89.1	89.5	89.5	1.06	1.06	0	8006	90.5	6.06
							89.9	60.3	0	6.06			-		91.8	92.2
1 400		711.7		84.3		86.5	6.06	91.5	91.6		92.1	45.1	3	93.0	93.2	93.5
			79.5	9.48	88.7	89.8		95.5	•	63.3	63.6	63.6		94.2	•	24.7
700		71.8	79.6	84.7	88.7	6	91.8		95.8			94.6		6.46	95.0	95.5
			20.61				92.0	0.66	93.1	34.5	1.56	95.1	62.6		0	97.2
٨١		71.8	19.6	84.7	88.7	66.3	92.0	3	93.1	*		95.1		6.56	96.7	0000

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS





NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93841 STATION

MHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 HOURS (1.5.7.) MAR

(FEET)							2	VISIBILITY (STATUTE MILES)	AIOIE MIL	ES)						
	2	41	80 11	1	N AI	1 2%	1 2 2	VI 71	VI 71	Ā	% AI	*	Z AI	≥ 5/16	VI 3	AI
NO CEILING		33.6	36.8	-		.0	6		6	41.9	-15	-	-	-		
> 20000		36.1	39.4	0.04	40.1	0	41.9	41.9	-	4	**	44.5	45.2	•	45.2	45.8
> 18000		36.1	39.4				-	:		3	44			5	5	45.
14000		36.1	39.4	0.04	40.7	0	41.9	41.9	:	44.5	4.4	;		45.2	45.2	45.8
> 14000		36.1	39.4			•	-	-		44.5	44.			45.	5	45.8
12000		37.4	40.7	-	-	-	10	43.2	3	45,8	45.	2	46.5	46.	46.5	47.
V 10000		38.1	41.3		N			3		0	40.		-	4.1	-	41.
000		38.1	41.3	41.9	45.6	~				46.5	46.			47.	47.1	47.7
1		0.04	43.2		3		9			3	65			66		
141		40.7	43.9		10	5	-	-	-	0	49			50.		51.0
1		40.7	43.8		5		2	-		C	64		0	20.		
2000		43.2	40.5		-		6	6	6	N	52.		2	52.		
		43.9	41.1		0.64		-	:	:	10	53.		*	54.		
141		43.9	47.7	48.4	0.65	0	51.0	51.0		53.6	53.	53.6	54.2	54.	54.5	
		43.9	47.7		6	6	:	-:	-:	20.5	53.			54.		
3000		44.3	0.64		50.3		5	2.	2	n	55.			56.		
		44.5	0.65		O	-	2.	7	3	2	55.			56.		
7 2000		45.8	50.3		N	2	•	*	;	-	57.		3	58.		
1		45.8	50.3		2	~		54.8	4	57.4	57.			58.		
1500		47.1	52.3	53.6	4	5	-	-		0	60		0	0	60.7	
		47.1	52.9	*	1	.0		58.1		0	60.		:	-		
00 00 00 00		47.1	53.6		0	57.4		6	6	61.9	61.		2	2	62.6	63.2
		47.1	53.6		0		6	0	6	-	9		2.	2	5.	
8		47.7	56.8	•	0	-	3	3	3	3	65.		0	9	•	-
		49.7	29.4		3	3	:			6	69.			0	70.3	73.0
8		50.3	2009	-	0	5	-	-:	:	4	74.		;		;	75.5
		-	63.9	72.9		13.5	-			80.0	80.	80.0	0	0	0	81.
8			66.5		3	0	2	5	2	100	85.		•	•	86.5	87.
88		52.3	66.5	76.8	80.7	81.9	84.5	85.2	85.2	88.4	90.3	90.3	91.0	91.0	91.0	91.6
1			66.5					2	2	. 0	6		. ,		. 0	. 0
80		52.3	66.5	76.8	80.7	81.9		85.2	3	0	92	92.9		3		00

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 HOURS (1 S T.) KAR HONTH

3888

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	ESJ						
(Jeen)	5	٨١	S)	AI	M Al	> 2%	~ Al	71 71	71 71	Ā	*	*	Z Al	2 5/16	× Al	٨١
NO CEILING		0	35.5	37.	8		6		-	41.9	3					64.5
¥ 2000		32.3	37.4		40.0	40.0	41.3	43.2	43.5	43.9	44.5	44.5	45.8	45.8	45.8	46.5
V 18000		2.	37.4	39.4			-		3.	43.9	44.5	644.5	45.8	•		46.5
14000		32.3	37.4	39.	40.0	40.0	41.3	43.2	43.2			44.5	45.8	•	45.8	46.5
N 14000		32.3	37.4	39.	0	0	-	43.2	43.2	43.9	;		5	45.8		46.5
7 12000			38.1		40.7	•	41.9	43.9	•	44.5	3	45.5				47.1
		35.5	40.7	42.	43.2			46.5	46.5	47.1		47.1	0.64		6	49.7
000			40.7	4.2	43.2			40.5	•	47.1	2	47.7				49.7
			41.9	4	*	*	45.8			48.4	0.65	•	0		0	51.0
141		36.8	45.6	44.	3	45.2	•	48.4	49.4	0.64	6	49.7		-	51.0	51.6
1			43.9	45.	9		-		6	0	-	-	7	2	2.	52.9
9		40.0	45.8	47.7	48.4	48.4	6	51.6	91.6	52.3		52.9	24.5	54.2	;	54.8
			46.5	48.	6		0			2.				4		55.5
141		40.7	46.3	4	0.65		0	52.3		52.9			:	54.8	:	55.5
		40.7	46.5	48.	.6		0		-	2			:			55.5
98		41.3	47.7	50.	-	51.0	2		54.5	54.8					;	57.4
1		41.3	47.1	51.	2.				:	. 9						58.7
7000		45.6	50.3	54.5		54.8	56.8	58.7	58.7		0.09	0.09		61.3	61.3	6119
1			51.0	54.	5	•	-								:	
150		43.9	52.9	56.			0	63.2	:	•			2	5		66.3
		43.9	52.9	56.	8	0	0					3	82.8	65.8		999
90		44.3	24.5	500	0	0	3.	65.2	3.	•		66.5				4.89
		44.5	54.2	59.	-	•			5.		1.79	:	4.89	4.89		0.69
8		44.5	54.8	9	63.2		2.59	67.7				0.69		70.3		71.0
		46.5	58.7	65.	20	4.80	0		2.		;			75.5		76.1
8		46.5	59.4	63.	6		-		. 4			75.5				77.4
		46.5	0.09	9			*		9		8	8				80.0
8		46.5	61.3	68	3	13.6		19.4			0	80.7		81.9	:	82.6
300		46.5	63.2	71.6	77.4	78.7	81.9	•	94.5	85.2	85.8		87.1	:	87.1	87.7
		6.95	63.2	72.	•	0	3		:	:		4.00		016	-	92.3
8		•	2.50	12.9	18.		83.5	87.1	1.0	0.68	1.60	200		2	93.0	9.00
- 1		40.0	•	3		•	-		•			10:3	•	•	•	000

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

19866

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

90 MAR

Ē

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	S						
(FEET)	5 7	41	8 41	4	21	2 2%	12.2	V 1%	21.4	-	AI	# Al	Z AI	2 5/16	AI X	0 11
NO CEILING		21.3	24.5	25.8	-	1.72	29.0	6	6	6	6	1.67	6		30.3	31.6
≥ 20000		22.6	25.8	27.1	0	29.0	31.0	31.0	-	31.6	31.6	31.6	2.	2.	32.9	34.8
V 18000		22.6	2	27.1	0		-	31.0	-	31.6			7			34.8
14000		22.6	25.8	27.1	29.0	29.0	31.0	31.0	31.0	31.6	31.6	31.6	32.9	32.9	32.9	34.8
> 14000		22.6	5	27.1	0		-	31.0	-			31.6	2	2	32.9	34.8
12000		23.5		27.7	0	0	-	31.6	-		5	2	33.6	3	33.6	35.5
		25.8	6	30.3	2				*				0		0	38.1
0006		26.5	6	31.0	32.9			34.8	4	35.5	35.5		36.8	36.8	36.8	38.7
1		29.0	32.3	33.6	-	5	-		-		80		6	6	6	41.3
7000		29.7	33.6	34.3	;	36.8	38.7	38.7	38.7	39.4	39.4		0			45.6
1		31.6	5	36.8	38.7		0		0	-	:				45.6	44.5
0005		32.3	. 9	37.4	0.04	0.04	:	-			45.6	45.6			43.9	45.8
		32.3	6.	37.4	40.0	0	2.	2.	2.		3.					46.5
1 4		32.3	36.8	38.1	40.7				43.2					45.2	45.2	47.1
		32.9	37.6	38.1	41.3			3.								47.1
3000		35.5		41.9	44.5		-	47.1			00				49.7	51.6
		36.8	41.9	43.2	45.8	46.5	48.4	48.4		0	49.1	49.7	51.0	51.0	51.0	52.9
7 2000		38.1		45.2	47.7		0		0	-	21.6	:			2	24.8
		38.1	3	45.2	47.1		0				-	51.6	6.25			54.8
981		39.4		47.7	51.6	52.3		54.8	*		1.95	56.1	57.4		57.4	59.4
		40.7	47.1	40.7			0	59.0			58.1	58.1	59.4		59.4	61.3
000		41.9	49.0	52.3	56.1	•	6	59.4		0	0.7	2009		2	62.6	64.5
		41.9	0.67	52.3	56.1	56.8	59.4	39.4	29.4	0		61.3	95.29	63.2	63.2	65.2
8		43.2		54.5	58.1		-	61.9	-		3.9	63.9		3	5.	67.7
		43.2	31.0	55.5	39.4			63.6			****	65.8			67.7	69.7
9		43.9		56.1		200		65.2	3	•	7.1	67.1	4.89		1.69	71.6
		43.9		1.09	*	65.8		11.6	•		•	13.6		9	76.1	78.1
84		43.9	56.1	61.3	•	68.4	74.2	14.8	14.8		16.8	16.8		ċ	80.0	81.9
		43.9	1 .95	2.		6.01		11.4	17.4	6		20.0	81.9	Sec.	83.2	85.2
300		43.9		63.5		71.0	•	19.4	19.4		3	85.6	85.2		87.1	89.7
		43.9	56.1	63.2	68.4	11.0	18.7	40.66	19.4	82.6	83.2	83.2	87.1	88.4	89.0	2.96
١٨١		43.9		63.5	4.80	71.0	78.7	19.4	19.4	82.6	83.2	83.2	87.1	88.4	91.0	0000

TOTAL NUMBER OF OBSERVATIONS

155

JAN 7 5703 CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

73-77

MONTH WOM

L

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)  VISIBILITY (STATUTE MILES)	5 24 23 12% 22 21% 21% 21 2% 2% 2%	.9 32.9 33.6 33.6 33.6 33.6 33.6 33.6 33.6 33	.4 37.4 36.1 38.1 38.1 38.1 38.1 38.1 38.1 38.1 38	.4 37.4 38.1 38.1 38.1 38.1 38.1 38.1 38.1 3	.4 37.4 38.1 36.1 36.1 38.1 38.1 38.1 38.1 3	.4 37.4 38.1 38.1 38.1 38.1 38.1 38.1 38.1 38.1	.3 41.3 41.9 41.9 41.9 41.9 41.9 41.9 41.9 41.9	3 41.3 41.9 41.9 41.9 41.9 41.9 4	** ** ** * * * * * * * * * * * * * * *	5 47.1 47.7 47.7 47.7 47.7 47.7 47.7 47.7	.7 43.4 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49	.7 48.4 49.0 49.0 49.0 49.0 49.7 49.7 49.7 49.	.4 49.0 49.7 49.7 49.7 49.7 49.7 50.3 50.3 50.3	. 4 44.0 44.1 44.1 44.1 44.1 50.3 50.3 50.3 50.	0 52.3 52.4 52.4 52.9 52.9 52.9 53.0 53.0 53.0 53.0 53.0	556.1 56.8 56.8 57.4 57.4 58.7 58.7 58.7	1 35.8 57.4 57.4 58.1 58.1 58.1 59.4 59.4 59.4	.7 61.9 62.6 62.6 63.2 63.2 63.2 64.5	.3 62.6 63.2 63.2 63.9 63.9 63.9 65.2 65.2 65.2 65.	.5 69.0 69.7 69.7 70.3 70.3 70.3 71.6 71.6 71.	5 69.0 69.7 69.7 70.3 70.3 70.3	B 80.0 81.3 81.9 82.6 82.6 82.6 83.9 83.9 83.9 83.	4 81.3 82.6 83.2 83.9 83.9 83.9 85.2 85.2 85.2	.7 83.2 85.2 85.8 87.1 87.1 87.1 88.4 88.4 88.4 88.	.7 83.2 85.8 87.1 86.4 89.0 69.0 91.0 91.0 91.0	.0 84.5 87.1 38.4 91.0 94.2 94.2 96.1 96.1 96.1 9	.7 85.8 88.4 89.7 92.3 95.5 95.5 98.1 98.1 98.1 9	-7 85.8 89.0 90.3 92.9 96.1 96.1 98.7 99.4 99.4 99.4
	9 11		1	34.2 37	1				* "	0					1				1	1	57.4 66	-	64.5 77	1			67.1 30	. 1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 MAR

CEILING							NIS.	IBIUTY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	2 1	o Al	\$ 2	7	1 3	2 2%	2.2	×1 ×	¥1 Y	-	AI	# Al	Z Al	2 5/16	M Al	0 11
NO CEILING		34.8	35.5	35.5	5	35.5	5		35.5	35.5	35.5		35.5	35.5		35.5
× 20000		41.9		43.2		4		43.2	43.2	43.2	43.2	43.2		43.2		43.2
		6.14	43.2	43.2	3.	43.2			43.2	43.2	43.2			43.2	3	43.2
14000		41.9	43.2	43.2		43.2		43.2	43.2	43.2	43.5	43.5		43.2	43.2	43.2
		42.6	43.9	43.9	3.	43.9	3			43.9	43.9			43.9	3	43.9
12000		42.6	43.9	43.9	3.	43.9	3			43.9	43.9			43.9		43.9
1		44.5			3		3		2	45.8	5			45.8	2	45.8
900		44.5	45.8	45.8	š		3	•	3	45.8	3		2	-	3	45.8
1		1.3	8		00		8		80	48.4	8	8	8	œ	8	
141		0.64		51.6	-		51.6	51.6		-	-	51.6	:	51.6	51.6	51.6
1		1.69	N	3	2	2.	2.	2.	2	2	2	2.	2.	2	2.	2
2000		50.3	N		N	•	2.		7	52.9	2	2	2.	~	2.	
1		51.0	33.6	53.6		53.0	3		53.6	53.6	53.0	33.6	53.6	53.6	53.6	53.6
0007		52.9	5		3	'n	3		3	3	5	3	3	-	3	
1		53.6	9	0	0	0	.9		0	9	0		0	9		
3000		57.4	0	0	ò	ò	ò	0	o	0	0	0	0	0		
1			9.79	62.6			5.			62.6	N	2.	7	95.29	5.	
> 2000		63.9	1		8	8	*			00	20			8		
		63.6	100		8		8			000	8	8	8	4.80	8	
1500		0.69	4	;	š	3		3	2	8	5	2	2	5	3	-
		72.3	00		0		0		0	0	0	0	0	80.0	0	0
141		76.1	4	84.5	3	20	-	3	3	10	3	2	3	5	3	
		76.1	83.9	84.5		85.8	3	85.8		83.8	5	82.8	0	85.8	5	85.8
8		76.1	3	3	0	-	-		-	-	87.1	87.1	-	-	87.1	87.1
		76.8	1				-			87.7	87.7		87.7	-	87.7	87.7
8		76.8	è		÷	0	6		6	0				0	89.0	89.0
		78.7	-		-	92.3	N		~	92.3	65.36	85.3	92.3	2	2	92.3
8		78.7		800	;	3	3	3	3	5			2	-		95.5
88		78.7	4.0			96.8	98.1	1.86	1.86	98.1	98.7		48.7	98.7	286	98.7
1				•										:		
8				0.14		4. 10	1.80	100	200	000	*	44.6	000	0000		000
		***		7.1.1	•	101		100		1004			2	0000	0000	000

TOTAL NUMBER OF OBSERVATIONS

155

=

SMOS DIRNAVOCEANMET

93841

0

53.6

59.4 0.09 63.2

94.2

92.3

89.

75.5

ALAI

AI AI

AI AI

AI AI

70.3

1886

98.1

98.1

98.1

4.16

4.16

4.76

4.16

4.26

95.5

92.9

2.46

0.68

83.2 83.2

88

AI AI

98.1

98.1

4.66

96.8

96.8

90.96

1096

1.96

1.96

1.96

1.96

1.96

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

93841

WHITING FIELD, FLURIDA

L S 1) Senon MAR BONTH

٨١

E

53.6 53.6 57.4 93.6 59.4 0.09 55.5 67.1 88.4 49.7 63.2 75.5 75.5 81.3 83.9 34.5 47.7 56.8 63.9 70.3 1.68 92.3 6.26 × Al 53.6 59.4 57.4 88.4 53.6 0000 55.5 67.1 75.5 0.65 56.8 81.3 92.3 6.26 34.5 1.64 63.2 63.9 83.9 89.7 47.7 70.3 2 5/16 53.6 37.4 0.09 53.0 39.4 67.1 70.3 75.5 34.5 63.2 63.9 75.5 81.3 88.4 65.36 6.26 49.7 56.8 83.9 89.7 2 0.00 57.4 29.4 63.2 88.4 75.5 94.2 53.6 53.6 55.5 55.5 81.3 92.3 53.6 56.8 63.9 67.1 75.5 93.9 6.26 47.7 49.7 89.7 70.3 59.4 53.6 57.4 0.09 67.1 63.2 88.4 1.64 56.8 70.3 75.5 75.5 81.3 2.46 47.7 49.0 63.9 83.9 89.7 92.3 6.26 47.7 X Al PERCENTAGE FREQUENCY OF OCCURRENCE 53.6 53.6 53.6 53.6 59.4 53.6 55.5 90.09 0.09 67.1 49.0 57.4 63.2 75.5 81,3 83.9 56.8 63.9 92.3 92.9 92.9 94.2 70.3 89.7 -AI VISIBILITY (STATUTE MILES) (FROM HOURLY OBSERVATIONS) 57.4 83.9 55.5 53.6 59.4 63.5 75.5 88.4 2.46 56.8 70.3 75.5 89.7 92.3 49.7 81.3 67.1 17 0.65 53.6 88.4 3.46 59.4 56.8 70.3 75.5 63.5 75.5 92.3 60.09 6.26 67.1 81.3 89.7 0.65 88.4 3.46 47.7 47.7 1.64 53.6 55.5 56.8 29.4 0.09 63.9 75.5 75.5 81.3 83.9 95.9 57.4 6.26 63.2 67.1 10.3 89.7 7 59.4 23.0 88.4 56.8 57.4 49.7 0.00 63.9 75.5 92.3 34.5 67.1 92.9 63.2 81.3 1 2% 0.00 53.6 55.5 0.64 53.6 56.8 59.4 80.0 95.6 47.7 0.69 74.2 88.4 91.6 57.4 63.2 63.9 66.5 74.2 91.0 49.7 6.26 47.7 87.1 N Al 74.2 53.6 59.4 86.5 0.68 0.65 53.6 55.5 0.09 0.69 74.2 80.0 57.4 56.8 63.9 6.99 81.9 85.2 91.0 1.69 63.2 89.7 57.4 0.08 33.6 63.2 73.6 88.4 0.64 6009 13.6 73.6 78.1 55.5 0.09 0.69 52.3 53.6 59.4 63.9 20.8 47.7 49.7 83.2 80.0 84.5 87.1 87.1 M 4.84 52.3 57.4 0.65 54.2 5.5/ 82.6 55.5 0.09 1.09 63.2 8.59 1.69 81.9 83.2 78.7 56.1 56.8 59.7 4 2 ٨١ NO CEILING (FEET) YI YI 8000 0009 0000 2500 V V V 2000 7000 9000 4500 3500 9 5 00 88 88 7 20000 980

TOTAL NUMBER OF OBSERVATIONS

155

99.4100.0100.0100.0100.0

4.66

4.66

98.7 7.86

62.5

83.2

88

AI AI

83.2

80

AI AI

95.5

98.7

99.4100.0100.0100.0100.0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.8 MAR

CEITING									(23 m 310 m)							
(FEET)	2	9	\$ 41	1	1 3	≥ 2%	2.2	7 1%	71 71	-	A AI	* 1	Z AI	2 5/16	¾ Al	٨١
NO CEILING		37.4	38.7	38.7		38.1	38.7	38.7	38.7		38.7	38.	38.7	38.7	36.7	36.
≥ 20000		47.7	0.64	0.64	49.0	0.64		0.4	•	0.64	44.0	•	•		49.0	.64
N 18000		48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7		49.7	49.7	49.7	49	49.7	.64
2 16000		48.4	49.7			1.64	49.7	49.7		•	1.65	•			49.7	48.
		6.00	50.3		50.3	20.3	50.3					0			50.3	50.
2 12900		50.3	52.3	52.3	52.3	52.3	52.3	52.3		52.3	52.3	52.3			52.3	52.
			-	9			9	0		9	6	96		56.		56.
8		54.5	56.1			56.1	56.1			56.1		56		56	56.1	56.
1		57.4			0	0	0	0	0	ċ	0	.09		.09	60.	60.
38		58.7		61.3	:	61.9		-	61.9			61.	-		61.	61.
1		58.7		-			-	6119		-	-	9	6119		61.9	61.
900		0.09		62.6	63.2		63.2			63.9		63.		63.9	63.9	63.
		61.3		10			3			3	:	63.			65.2	-
1 4		6119	64.5	65.2		65.8	65.8	66.5	60.9		66.5	66.5	66.5	66.5	66.5	.99
1		62.6					9				67.1	67			67.1	
300		9.29		66.5	67.1				67.7	-	67.7	6			67.7	67.
1		63.9		-	20		8		0.69	0.69	69.0	.60	0.69		69.0	69.
500		67.7	•	72.3			~		73.6	4	74.2	74.			74.2	7.
		67.7		12.3	3	12.9			73.6		74.2	18		74.2	74.2	7.00
8		70.3		•	76.1	0			16.8	77.4	-	77.	-	7	77.4	
		10.3		71.4				79.4	13.4	0	80.0	80.0	5	80.0	80.0	80.
90		72.3		81.3		83.2	83.2		83.9		;	84.5		;		84.
		72.3	70.6	81.3	83.2	83.2	83.2	83.9	3			84.5			84.5	84.
8		74.2	81.9	83.9	85.8	85.8			86.5	87.1	87.1	87.1		œ		87.
		14.8	_	85.8	87.1	87.1					89.0	89.0	6	20	89.0	
8		75.5	84.5	87.7	1.68	89.7	1.68		90.3	91.0	91.0	91.0		91.	91.0	
8		17.4		C		6.26	2.	93.6		3	*	:		94.	94.2	-
8		77.4		60.3	2		65.6		93.6	34.5	3	2.46	;	94.8	94.8	94.
		17.4	87.1	0116	3.		93.6	*		95.5	95.5	3.			1.96	.96
38		78.1		91.6		24.5	8.46	1.96	0	4.16		98.1		98.7	98.7	98.
8		1.8	87.7	91.6	2.46		8.46	96.1	8.96	98.1	1.86		40.66	7.66	4.66	66
		-		•							1			-		-

0

TOTAL NUMBER OF OBSERVATIONS

155

===

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NONTH 21

2

40.0 Fe 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 42.6 43.4 43.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 5								-	-	-		
40.0 46.5 47 40.0 56.8 56 56.8 68.4 71 61.3 75.5 68 63.2 78.7 71 61.3 75.5 68 63.2 78.7 71 61.3 75.5 83 63.2 78.7 71 63.2 78.7 78 63.2 78.7 78 63.2 78.7 78 63.2 78.7 88	•	2 3 2 2 %	2 4	VI 2/2	71 71	-	% AI	*	Z AI	≥ 5/16	× 1	٥
40.0 46.5 47.0 46.5 47.0 46.5 47.0 46.5 47.0 46.5 47.0 46.5 47.0 46.5 47.0 47.0 47.0 47.0 47.0 47.0 47.0 47.0	643	3.9 43.		0	3				5	5		45.2
40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 46.5 44.6 40.0 40.0 40.0 40.0 40.0 40.0 40.0	4	8	48.4	48.4	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7
40.0 46.5 44.6 49.0 46.5 44.6 49.0 46.5 44.6 49.0 46.5 44.6 49.0 49.0 49.0 49.0 49.0 49.0 49.0 49.0	4	8.4 48.	8			6	6					
40.0 46.5 44.6 49.0 46.5 44.6 49.0 44.1 49.4 49.4	4	8.4 48.	48.4	4.84	•		•	•		•	6	49.7
42.6 44.0 44.1 48 48.6 49.0 50.4 44.1 48 48.7 54.2 56 49.7 54.2 56 49.7 57.4 58.2 56 51.0 59.4 51.5 51 55.5 56.8 58 56.8 68.4 71 61.3 75.5 63 63.2 78.7 70 63.2 78.7 70 63.2 78.7 70 63.2 78.7 70 63.2 78.7 85 63.2 78.7 85 63.2 78.7 85	5 47.7	3.4 48	8			6		6		6	6	49.7
10000 42.6 49.0 50 8000 43.2 49.0 55 8000 46.5 54.2 56 8000 47.7 55.3 54 800 800 800 800 800 800 800 800 800 80	1 48.4	9.0 49.	6	0	6	ċ				0	0	50.3
2000 44.5 52.3 54 2000 46.5 54.2 56 2000 47.7 55.3 54 2000 47.7 55.3 54 2000 49.7 56.8 58 2000 49.7 57.4 59 2000	50.3	1.0 51.	1	0.1	-	2.				2.	2.	
2000 44.5 52.3 54 2000 46.5 54.2 56 2000 47.7 55.5 57 2000 49.7 55.8 58 2000 49.7 57.4 59 2000 51.0 56.8 58 1200 51.0 56.8 58 51.0 56.8 68 51.0 59.4 61 51.0 59.4 61 51	7 5	1.6 51.	51.6	0.	51.6	52.9	52.9	55.9		52.9	52.9	52.9
25000 46.5 54.2 56 2500 47.7 55.5 57.2 56 2500 49.0 56.8 58 2500 49.7 57.4 59 2500 49.7 57.4 59 2500 49.7 57.4 59 2500 49.7 57.4 59 2500 55.2 63.9 65 250 56.8 68.4 71 250 56.8 68.4 71 250 57.4 69.0 72 250 55.5 66.5 69 250 63.2 77.4 83 250 63.2 78.1 85	3 54.2	4.8 54.	4	8.4	4	9		56.1		9	9	56.1
2000 47.7 55.5 57 4000 47.7 55.5 57 4000 49.0 56.8 58 2000 49.7 57.4 59 2000 51.0 56.8 58 1200 51.0 59.4 61 1300 54.2 53.9 65 1300 54.2 53.9 65 1000 55.6 65.2 68 40.7 71.0 74 56.8 68.4 71 50.0 55.5 66.5 69 56.8 68.4 71 50.0 57.4 69.0 72 50.0 55.5 66.5 68 56.8 68.4 71 50.0 57.4 69.0 72 50.0	2 56.1	6.8 56.		8.9		58.1		58.1		8	58.1	58.1
2500 47.7 55.5 57 2500 49.0 56.8 58 2500 49.7 57.4 59 2500 51.0 59.4 61 2500 54.2 63.9 65 2500 54.8 65.2 68 2500 55.8 66.5 69 250 56.8 68.4 71 250 63.2 77.4 83 250 63.2 78.7 88	2 56.1	6.8 56.	9	8.0	8.9	8		58.1		8.1		58.1
2500 48.4 56.1 58 2500 49.0 56.8 58 2500 49.7 57.4 59 2500 49.7 57.4 59 2500 51.0 59.4 61 2500 54.2 63.9 65 250 56.8 68.4 71 250 58.7 71.0 72 250 63.2 78.1 85 250 63.2 78.1 85	5 57.4	.1 58.		8.1	7			59.4		4.6		59.4
2500 49.0 56.8 58 2500 49.7 57.4 59 2500 49.7 57.4 59 2500 51.0 59.4 61 1500 54.2 63.9 65 1000 55.8 66.5 69 200 56.8 68.4 71 200 61.3 75.5 81 200 63.2 77.4 83 200 63.2 78.1 85	1 58.1	.7 58.	8	8.7	8.7	0		0.09		0.0		60.0
3500	8 58.7	59.4 59.4	\$6.4	59.4	4	60.7	60.7	1.09	60.7	60.7	60.7	60.7
2500 2500 2500 2600 1800	3 58.7	. 65 4.	6	4.6	4.6	0		60.7		1.0		60.7
2500 2000 2000 1800 1800 1800 1800 1800 18	4 89.4	.7 60.		0.7	1.0	-		6119		1.9		6119
2000 51.0 59.4 61 1800 1800 54.2 63.9 65 1000 54.2 63.9 65 1000 55.8 65.2 68 1000 56.8 68.4 71 700 56.9 57.4 69.0 72 800 63.2 78.1 85 85 85 85 85 85 85 85 85 85 85 85 85	65 5	0.7 60.	0	0.1		-		6110		1.9		61.9
1200 1200	6 61.3	3.2 63.	*	3.5	3.2	;		64.5		4.5		64.5
1200 1200	0 61.	3.9 63.		4.5	4.5			65.8		5.8		65,8
1200 54.8 65.2 68 900 55.5 66.5 69 800 56.8 68.4 71 800 58.7 71.0 74 800 63.2 77.4 83 200 63.2 78.1 85	9 65.8	7.7 67.		5.	4	6		2.69		1.6		69.7
1000 500 56.1 67.1 70 56.8 68.4 71 500 56.8 68.4 71 500 57.4 69.0 72 500 51.3 75.5 81 500 61.3 75.5 81 500 63.2 77.4 83 500 63.2 78.1 85	2 68.4	0.3 70.	-	-	0	2		72.3		2.3		72.3
56.1 67.1 7 200 56.8 68.4 7 200 58.7 71.0 7 200 63.2 77.4 8 200 63.2 77.4 8 200 63.2 78.1 8	2	1.6 71.	72.3	72.3	2.3	3		73.6		3.6		73.6
56.8 68.4 7 700 57.4 69.0 7 800 58.7 71.0 7 800 61.3 75.5 8 800 63.2 77.4 8 800 63.2 78.1 8	1 70.3	2.3 72.	2	6.	6.	4		74.2		.2		74.2
200 57.4 69.0 7 500 58.7 71.0 7 500 61.3 75.5 8 500 63.2 77.4 8 500 63.2 78.1 8 500 63.2 78.1 8	4 71.6	4.2 74.	*		4.8			76.1				76.1
500 61.3 75.5 8 400 63.2 77.4 8 200 63.2 78.1 8	0 72.9	5.5 75.	9	0.1	-			77.4		3.		77.4
300 63.2 77.4 8 200 63.2 78.1 8 200 63.2 78.1 8	1.0 74.	7.4 77.	78.1		8.1	ċ	80.0	80.0		0		80.0
200 63.2 77.4 8 200 63.2 78.1 8 200 63.2 78.7 8	5.5 81.3	3.9 83.	5	5.5	5.2	-		87.1		7		87.1
200 63.2 78.1 8 200 63.2 78.7 8	7.4 83.	7.1 87.		0.	0.6					0		91.0
200 63.2 78.7 8	3.1 85.	6.1.6	92.9	0	6.	*	8.46	8.46				95.5
5 L BL 6 6 7	3.7 85.8	0.3 91.		3.6	3.6	95.5		1 . 96	8.96	•	8.96	96.8
0 7.60 2.60	78.7 85.8 9	0	93.6	8.46	. 8	9	1.86	1.86	1.86	1.86		7.66
3.7 8	3.7 85.8	0.3 91.			80	ė	8	œ	*	0		000

TOTAL NUMBER OF OBSERVATIONS

155

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1877) MAR

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	S						
(FEET)	2	AI	87	AI AI	S AI	≥ 2% -	7 4	¥1 Y	VI 71	-	× Al	* AI	Z AI	≥ 5/16	N AI	O AI
NO CEILING		33.0	35.				7.	37.7	37.7	8	38.4			38.6	38.6	39.0
> 20000		37.7	4	41.5	45.0	45.0	45.6	45.8	2	43.5	43.0		44.0	44.0	0.44	4.44
18000		37.8	40.		5		42.7				•	43.6			0.44	44.5
V 16000		37.8	40.	41.5	•	42.1	42.7		•	43.6	43.6	•	4			44.5
> 14000		38.2	41.2				3.	-	43.2		0.44	3				44.8
2 12000		38.8	•	45.6	43.5	•	43.7					44.7		45.1	45.1	45.6
		41.3	•	45.2		45.8	4004				-	-				48.2
0006		41.5	44.8	45.4		•			46.8	47.4	47.5	47.5	-	-	47.9	48.4
		43.5	47.1	6.14	80			6	6	0		0		0	50.5	51.0
7000		44.8	48.6	4.64	50.1	2005	50.7	51.0	51.0	51.6	-	51.7	2	52.1	52.1	52.6
1		45.4	49.3	2005		50.0	-		1		32.4	2	7	2.	2.	-
2000		46.7	50.7	51.6	52.3	52.4	53.0	53.3	53.3	54.0		54.0	*	;	54.4	54.9
1		47.3		52.3			3.								-	
141		48.1	52.4	53.3	•	54.5	54.8	55.1	55.1	55.8	55.9		0	56.3	;	56.8
		48.4	•	3		54.5				0	2005	9	0		0	
3000		50.5		55.6	90.95		57.5					58.7			59.1	
1		51.2	-	57.1		28.2	8			0	2.09	0		9.09	0	1.19
2000		53.6	•	4.09	61.3	9.10	62.4	62.7					*		;	64.7
		53.6	_	1.09		61.9						3	*			65.0
1500		56.5		64.4	62.6	66.2	67.2		•	68.6		9899				69.5
		57.4		66.3		2.89	1.69			0		0		-	1.0	71.5
1000		59.5			71.3	71.7	72.7	3	73.1	74.0	14.1			74.6	74.6	75.1
		29.4	•	8.69	11.0	•	73.0				74.5		*		3	
8		6.09		72.7		75.2	76.3		76.7	77.7		-	78.2	90		78.8
		61.9	•				78.0		6	•	80.1	C			0	81.1
8		52.4	72.3	76.3	78.7	19.2	80.4	80.8		81.9	82.0	85.0	3		82.6	83.1
		63.4			82.3	82.9	9406			86.1	86.2	0		86.9	86.9	87.3
141		63.8		0	84.4	3.0	87.1	87.7	-	88.8	89.0		1.68		89.8	80.3
		0.49	1.91			3.13	89.6	0		61.6	4.76			93.3	93.3	
700		64.2	76.5	82.5		87.8		41.7	91.8	63.5	1 . 46	94.1	95.1		4.56	1.96
		2.49	76.5	2.		61.0	1.06	0.26	3	1000	0.56	0.56		9.96	0.16	98.1
١٨١		64.2	16.5	82.5	86.7	87.9	1.06	0.26	92.2	64.3	95.2		96.5	6.96		0000

TOTAL NUMBER OF OBSERVATIONS

1240

1111

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 73-77 WHITING FIELD, FLURIDA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93841

0

00 A P R

I

(FEET) NO CEILING 12 20000 12 18000 13 16000	LING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	ŝ						
9 11 111	(FEET)	2 1	o Al	\$ 1	A)	E AI	2 2%	2 7	¥1 ¥	¥1 VI	-	¾ Al	*	S AI	2 5/16	AI	0 11
A1 A1 A1	FILING		52.7	1.95	58.0			-	0.29		0.29	63.3	63.3	63,3	63.3	63.3	63.3
	20000	.7		-	63.3	65.3		.0			-	3	•	68.7		68.7	68.7
	9000			:	63.3		9	•				1.89	1.89	0	68.7	68.7	68.7
	16000			-	63.3	65.3	•	•					68.7	69.7		68.7	68.7
	4000	1.		-	-	5	9	9					68.7	œ			68.7
1 11	12000			2	0.79	0.99		7			68.0	69.3			69.3	69.3	69.3
	0000			4	9	3		0			0	2.					
1 11	9006			;	•		6	0			ò					•	72.0
^	9000			3			-	2			2						:
1 11	2000	.7		;	68.7		72.7	3			4						
^	9009	1.			68.7		2	3			4					75.3	75.3
1 11	2000			•	68.7	72.0	2	3			3	75.3					75.3
^	160			1		3	4	3			5						76.7
IAI	900	. 7	61.3	67.3	70.0	73.3		74.7	75.3	75.3	-	76.7	76.7	76.7	76.7	76.7	76.7
^	3500		62.	80	1	*	4	:									
1 11	3000	.7	62.	8	71.3	4	10				.0						78.0
٨	2500		62.			\$	15.3	9			ç						78.0
IAI	2000		64.	0		-	8	00			6					0	80.7
٨	1800		04.	0		30		6			ċ	81.3					81.3
A	1500	.7	64.	2		0	0	-			2	3	83.3	83.3		3	83.3
^	1200	.7	64.	2			-				2	84.0	0.48				84.0
IAI	000	.7		2		-	2	5			•	;	84.7				84.7
٨	906	.7	1	2			2				3	3	84.7	84.7		4	84.7
IAI	8			2		83.3	4.	;	85.3		'n	;	86.7	86.7	9		
^	200		65	3	80.0	3	5				9	8	88.0		8		88.0
1 11	8		66	4	81.3	86.0	9				8	89.3		9	6	89.3	89.3
^	99	1.	67.	2	83.3	80	20	6	0.06		0	:	6116	-	-		91.3
IAI	8	.7	68		84.0	89.3	0	0		91.3	-		92.7	92.7		92.7	92.7
^	300		6 B .	9	. 5		0	-	45.7		3		44.7	4.7	*	4.1	4.7
IAI	200	.7	68		84.0	2006	91.3	65.7	4.7	4.7	6.56	1.96	1.96	1006	. 9	46.7	
Al	8				0.48	1.06	-4		1.76	4.7	6	0.86	0.86	98.0	0.86	8	8
I AI	•	.7	•	•	4	1.06	-				9	8	•	98.7	8	0.00	000

0

0

0

0

0

000

0

0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841

0

0

03

HOURS (1 S T . APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	2 5/16 7 1/2	1.3 62.0 63.3 6	6.0 66.7 68.0 6	6.0 66.7 68.0 6	6.0 66.7 68.	6.0 66.7 68.0 6	7.3 68.0 69.3 7	.0 70.7 72.0 72		.3 72.0 73.	.3 72.0 73.3 7	.3 72.0 73.3 7	72.7 74.0 7	.3 74.0 75.3 7	.3 74.0 75.3 7	3 76.0 77.3 7	.0 76.7 78.0 7	.0 76.7 78.0 7	3 78.0 79.3 80	0 78.7 80.0	.7 79.3 80.7	9.3 80.0 81.3 8	0.7 81.3 82.7 8	2.0 82.7 84.0 84	3.3 84.0 85.3 8	6.0 86.7 88.0 88	8.0 88.7 90.0	0.7 91.3 92.7 9	2.0 92.7 94.0 9	3.3 94.0 95.3 9	5.3 96.0 97.3 98.	5.3 96.0 97.3 9	6.0 97.3 98.7100.
	# Al	1	3.3	63.3 6	3.3	.3	64.7 6	67.3	67.3 7		68.7		69.3 7	0			3	3	74.7 7	2		2.1	8.0	6.3	1.0	3 . 3	2.3		6.6	1.0		9207 9	93.3
	Ä Al	8	63.3	63.3			1. 49			68.7		2	69.3	0	0	1.21	73.3	73.3	74.7	75.3	76.0	.0		0	0					1.06	92.7	92.1	93.3
.ES)	ÃI		2	62.7	62.7	2.		9		68.0	8	00	68.7	0					74.0		78.3	76.0		78.7			84.7	87.3	88.7	0.06	91.3	•	91.3
ATUTE MIL	×1				62.7		*	9					8					72.7	74.0		75.3		77.3	78.7		82.0		85.3	86.7	88.0	6		6
VISIBILITY (STATUTE MILES)	71	58.0	2	62.7		62.7							68.7		70.07			72.7			75.3	70.0	77.3	78.7	•	82.0		85.3				89.3	
VIS	Al	-	5		2	. 2					:	-		6		-		2.	72.7	73.3	74.0			1	8			0.48	85.3		-	07.	2
	2 2%	1 .	200		1.09		65.0		64.7	0.99	9		0	20	1		0	0	70.7	0	71.3			14.7	75.3	78.0			82.7	63.3	84.7	24.	
	۸I	26.0	60.7	60.7			62.0		2.49			6.		8	68.0	6		0	70.7	70.1	71.3		73.3	74.1	75.3	78.0	19.3		82.7	83.3	-	84.7	- 1
	AI	54.0	00	58.0	00		58.7	61.3	61.3	62.7	62.7	62.7	63.3		64.7	0.99	66.3	66.7	67.3	67.3	0.84	08.	70.0	71.3	72.0	74.7	76.0		79.3	79.3		80.0	
	۵۰ ۸۱						53.3			59.3	59.3	59.3	59.3	1.09	60.7	62.0	62.0	0.29			62.7					68.0	69.3		•	70.0	70.7	70.1	70.7
	٨١	45.3	48.7	48.7	48.7	48.7	48.7	51.3	51.3	52.7	52.7	52.7	52.7	23.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	55.3	56.0	56.7	56.7	58.0	59.3	0.09	0.09	0.09	60.7	2.09	60.7
	2																																
CEILING	(FEET)	O CEILING	≥ 20000		7 16000	7 14000	12000		000	1	7000	1	2009	1	141	1	3000		700		141	1	141		8		8		84		30	8	٥

TOTAL NUMBER OF OBSERVATIONS

150

-

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

90 APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(S						
(FEET)	71	۰ ۸۱	ss Al	VI	N N	Y 21/2	7	VI %	¥ 1	_ AI	¾ Al	*	% Al	2 5/16	A)	٨١
NO CEILING		32.7			45.3		-	41.3		0.84	49.3	6.69	0.06		0	
> 20000		39.3	40.7	25.0	3	30	26.0	•	0	9	•	•	~	59.3	59.3	0.29
> 18000		40.0		52.7	24.7	•		56.7	26.7	57.3	58.7	58.7	0	ċ	0	
≥ 16000		0.04	-	52.7			56.7					28.7	0	•	0	
> 14000		40.7		53.3	55.3	0	-			58.0	0		0	0	0	
2 12000		41.3	48.7	24.0	26.0	57.3	58.0	58.0	00	58.7		0.09			61.3	64.7
		0.55	2	57.3			61.3	61.3		2	3	3	*	64.1	1.49	0.89
000		0.44	52.0	57.3	59.3	00.1	61.3	61.3	-	62.0	63.3	63.3	64.7		1.49	0.89
		44.7	2.	38.			3					65.3	1.09		26.7	10.0
7000		44.7	3	59.3	62.0	63.3	0.49	0.49	*			199	0.89	0.80	0689	71.3
1		45.3	*	0.09		*	4.		3	35		67.3	68.1		68.7	72.0
2000		45.3		0.09	62.7	0.40	64.7	1.49	4	Š		67,3	68.7	68.7	1.89	72.0
1		45.3	4	0.09	62.7		3	64.7	3	5		67.3	68.7		68.7	72.0
141			. 4	0.09	62.7	0.49	64.7	1.49	64.7	5		67.3	68.7	68.7		72.0
1		45.3	*	0.09				1.49	*			67.3		68.7	68.7	72.0
3000		46.0	.0	62.7	65.3		67.3	67.3	-		70.0	10.0	71.3		71.3	74.7
1		46.0		63.3		61.3	0.89	0.89	0.89			1001	•	72.0	72.0	75.3
2000			8	64.7	8	•	0		0			73.3	*		74.7	78.0
		47.3	8	64.7	0.39	10.0	10.1	70.1						4	:	
1500			61.3		-			74.7	4	76.7	78.7	78.7	80.0	0	80.0	83.3
		48.7	7		72.0	0.4	16.0	16.0	•			60.0	-		81.3	84.7
0001		49.3	3	68.7			.0	70.7			80.7			85.0	82.7	
		20.0	3		73.3	15.3	77.3	77.3		6		81.3	82.7	82.7	83.3	
8 Al		20.0	3	69.3	•	•	-	77.3		6	81.3	81.3		82.7	83.3	86.7
		51.3	9	73.3		19.3	81.3	81.3			2	85.3	86.7	86.7		91.3
9		52.0	64.7	74.0	78.0	80.0	82.0	85.0	5	84.0		86.0				95.0
		52.0	66.7	0.4/	78.7	100	82.7	82.7		84.7		199	88.0			
94		52.0		74.0	79.3	81.3	83.3	83.3		. 9	88.0	88.0		89.3	0.06	0.46
		52.0	1.99	74.0	79.3	81,3		0.48	*		6	89.3	1006	40.1		62.3
1 200		52.0		74.0	79.3	85.0	94.0	84.7	*	88.0	0		91.3	91.3	92.7	
81		52.0	1.99	74.0	19.3	050	84.0	04.	84.7			100	1.26	1.26	;	0.96
٥		52.0		74.0	19.3	85.0	84.0	84.7	84.7	80	1.06		1 . 7 6	92.1	0.06	00.00

0

TOTAL NUMBER OF OBSERVATIONS

150

9119

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SUDON SUDON

APR HOUTH

Ē

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	۷۱ 5	9	so Al	4	٨١	2 2%	~ Al	71 71	7 AI	_	Al Al	*	Z Al	2 5/16	≥₹ Al	
NO CEILING		52.0	~		55.3	55.3		55.3	5	55.3	55.3	55.3	55.3	55.3	55.3	-
≥ 20000		26.0		0	60.7	60.7	60.7	60.7	2.09	60.7		2009	60.7	60.7	60.7	-
V 18000		56.0	1	0.09	1.09	000	60.7	60.7	60.7	60.7	1.09	1.00	60.1	60.7	60.7	
2 16000		26.0	59.3	0.09	60.7	60.7	60.7	60.7	2.09	60.7		2.09	60.7	60.7	60.7	-
> 14000		57.3	1.09	61.3	62.0	62.0		62.0		62.0	0.29		7	62.0		-
12000		58.0	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	-
		0.09	99	1.49		65.3	5	65.3			5	5		65.3	65.3	-
800		0.09	0	64.7	65.3	65.3	65.3		65.3	65.3	65.3	65.3	65.3	65.3	65.3	_
		62.0			8	00	8				68.7	08.7		68.7		+
141		62.0		67.3	68.0	68.0		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	-
1		62.7	1	0.89			8	69.3		6	69.3	69.3		69.3		+
2000		63.3	67.3	68.7			69.3	70.0	10.0	70.0	70.0	70.0	70.0	70.0		
		63.3		68.7	69.3		6	70.0			70.0	70.0				
1 11		64.0	0	6.69	10.0	70.0		70.7	70.7	70.7	70.7	70.7	70.7	70.7		
1		0.49	C	69.3	70.0		0	70.7		0	70.1	1001	70.7			
300		64.7	69.3	70.7	72.0	72.0	72.0	72.7	72.7	73.3	73.3		73.3	73.3		
		0.99	-	73.3	75.3	5 3	75.3	76.0	76.	76.7	9	16.7	76.7	76.7	76.7	
900 1 A I		66.7	-	74.7	76.7		76.7	77.3		78.0	78.0	78.0	78.0	78.0	78.0	
		67.3	-	75.3			77.3	78.0	78.	78.7	8		78.7	78.7		
1 1 20		14.0	00	82.0	84.0	84.0		3		85.3	85.3		85.3	85.3		
		7407	ro	3	85.3	300	5	86.0	86.	86.7	9	86.7	86.7	86.7	86.7	
000		75.3		87.3	0.06	0	2006	91.3	91.3	95.0	95.0	85.0	95.0	92.0	92.0	
		75.3	0	88.0	2006			2	92.0			92.7				
8		78.3	86.0	0.88	6116	91.3	0.26	92.7	92.7	93.3	3		93.3	93.3	3	
1		7.97	00	89.3	92.1			0.46	0.46		95.3	3	95.3	95.3	3	
8		77.3	œ	0.06	63.3	93.3	0.46	4.7	4.7	9	;		96.0	96.0		
		77.3	*	4006	1.96	1:36		1.96	1096		8		0.86	0.86		
1 11		77.3	-	91.3	85.3	65.3	97.3	0.86	0.86	86.3	66.3	66.3	99.3	86.66	99.3	
1		17.3	8	-		95.3		0.86		66.3			99.3			-
141		77.3	28.7	91.3	6.56	95.3	97.3	•	98.0	66.3	66.3	66.3	66.3	86.3	•	
		77.3		91.3	62.3		97.3	0.86	0.86	666	66.3		66.66	86.3	99.3	-
0		77.3	88.7	91.3	95.3	95.3	97.3	0.86	0.86	86.66	66.3	66.3	66.3	89.3	00001	

TOTAL NUMBER OF OBSERVATIONS

150

()

1111

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 APR

2

CEITING							VISIA	BILLITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2 1	9 11	\$ 41	7	e Al	2 2%	2 AI	VI 75	¥1 VI	Ā	× AI	* 1	2 1	≥ 5/16	A)	AI
NO CEILING	.7	52.0	52.1	52.7	52.7	52.7		52.7		52.7	52.1	52.1	1.25	52.7	52.7	52.
> 20000	.7		0.09	60.7	2.09		60.7	60.7	2.09			2009	2009	60.7	60.7	60.
≥ 18000	.7	59.3	0.09	1.00	2009	2.09	0	1.09	2009	1.09	1.09	0		2009	60.7	•09
2 16000	.7	59.3	0.09	60.7	60.7				0		0	2009	0	60.7	ò	600
> 14000		0.09	60.7		61.3		-	61.3			61.3	:		51.3		61.
7 12000	.7	60.7	61.3	62.7	62.7	62.7	2	62.7	2	62.7	2	62.7	2	62.7	2.	62.
	1.	62.0	63.3		4	04.	*	1.49	1.49		1.59		1.59	64.7		64.
900	.7	62.0	63.3	64.7		2.50	2.99	;		1.49	4	64.7	64.7	64.7		64.
1	1.	52.7	0.49		9			0		9	9		0	9		0.99
7000	.7	54.7	0.99	0.89	68.0	0.89		0.89	0.80	68.0	68.0			0.89	•	68.0
1		64.7	0.99	00	8	0.80				8	100			œ		68.
900	.7	64.7	0.99	68.7	68.7	7.39	68.7	68.7			00		1.09	68.7		
1	.7	24.7	0.99	80		68.7				68.7			0	68.7		.89
804	.,	67.3	68.7	-	71.3	71.3	-	71.3				:	:	71.3	-	71.
1		69.3	10.1	73.3	73.3		3			3.	3	13.3	7	3.	73.3	73.
3000	. 7	70.7	72.0	4	74.7	74.7	*			;	74.7		*		74.7	74.
1		17.3	18.7	81.3	81.3	61.3	-	-		81.3	-		:	81.3	81.3	81.
7 2000	.7	81.3	82.7	. 9		9	9	0.98	•		0	9	. 9	9	٥	86.
1	1.	95.0	83.3	.0		86.7	0	86.7		86.7	9		0		0	86.
1500	.7	88.7	1.06		0.46	1.56	4	•		24.7	1.56	64.7		*	94.7	94.
	1.	88.7	1.06	0.76			3	1.06			1.56	;		94.7	94.7	94.
900	. 7		95.0	138		0	9	•			0.96	9		9	96.0	96.0
	1.	89.3	0.76	65.3		0.96	0	0.96		0.96	0.96	9	0.96	0.96	96.0	96.0
8	.7	90.0	92.7	2		1.96	0	9			1.96	•		9	96.7	96
	1.	0.06	45.7	1.96	1.96	61.3	-		97.3			-				97.
8	.7	0.06				97.3	8	•		98.0	98.0	00	98.0	98.0	98.0	98.
	. 7	0.06	92.7	1.96	1.96	-	1.86	1.86	98.7			48.7		78.7	98.7	.86
84	.7	0.06	•	97.3	1.	98.0	0		86.3	86.3	6	66.3	66.3	66.3		66
30		0.06	93.3	97.3	97.3	0.00	99.3	66.3	99.3	99.3	00	99.3	99.3	99.3	99.3	66
	•	0.00	•	:	:	0 0			•		•	0	•			
8	•	0.00	2000		0.00	000		2000	5000	000		000	000	•	0000	
	•	10.0	73.3	:	41.00	0	2				:	23.0	3	0.00	0001	001

150

TOTAL NUMBER OF OBSERVATIONS

SMOS

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

73-7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR HOUTH 15

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$2)						
(FEET)	2 1	N AI	5 21	4	1 3	≥ 2%	7 4	V 1%	¥1 ¥	-	AI	* Al	N 2	≥ 5/16	M Al	0 11
NO CEILING		54.7	54.		56.1	56.1	56.7	56.7			56.1	.0			56.1	56.1
> 20000	.7	0.99	99	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
		0.99	99	0.89	69.3	69.3	6.69	69.3	69.3	69.3	69.3	6	69.3	69.3	69.3	69.3
14000	.7	1.99		68.7	70.0	70.0	70.0	70.0	70.0	10.0	10.0	70.0	70.0	70.0	70.0	70.0
	1.	67.3	67.	69.3	1001	100		70.7	70.7	1001	100	1001	10.1	1001	1001	1001
12000	.7	67.3		69.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	7007	70.7	70.7
	1.	58.7	60.	1001	72.0	72.0	72.0	72.0	72.0	72.0	72.0	12.0	72.0	72.0	72.0	72.0
800	.7	69.3	69.3	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7			72.7
	1.	69.3	10.1		74.0	0.7/	0	0.46		74.0		74.0			74.0	74.0
1 41	. 7	71.3	72.7	74.7	76.0	76.0	76.0	76.0	76.0		76.0	76.0	76.0	76.0	76.0	76.0
1	1.	71.3	12.7	14.1	76.0		16.0			76.0	76.0	76.0			76.0	76.0
88		73.3	74.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0		78.0	78.0	78.0	78.0
	1.		75.3	77.3	78.7	18.1	00	78.7		78.7	78.7	78.7	78.7	78.7	78.7	78.7
38		74.7	10	78.0	79.3	19.3	79.3	79.3		79.3	79.3	79.3	79.3	79.3	79.3	79.3
	1.	75.3	16	78.7	1.09	1.00		80.7	80.7	0	0	C	80.7	0	80.7	80.7
3000	.7	73.0		82.7	84.7	84.7	84.7	84.7	84.7	4.7	84.7		84.7	84.7	84.7	84.7
	.7	80.7	83	85.3	87.3	87.3		1	87.3	87.3	87.3		87.3	87.3	87.3	87.3
7000	.7	82.0		88.7	1.06	91.3	91.3	91.3	91.3	91.3	91.3	-	91.3	91.3	91.3	91.3
1		82.0	86	88.1	1.06	91.3	61.6	8.16				-			91.3	
98	.7	82.7		89.3	611.3	92.0	95.0	95.0	92.0	92.0	95.0	95.0	95.0	92.0	92.0	92.0
1		0.78	1	1.06	92.7	93.3	93.3	93.3	3	93.3	3	3	93.3	93.3	93.3	93.3
. 41	.7	86.7		0.76	0.96	1.96		1.96	1.96	1.96	1.96	1.96	1.96	96.7	96.7	96.7
	.7	86.7		0.46	0.96	1.96	1.96	9	1.96	9	1.96	1.96	96.7	96.7	96.7	96.7
8		87.3		1.76	1.96	97.3	97.3	97.3	97.3	97.3	97.3		97.3	97.3	97.3	97.3
		87.3	1	1.76	61.3	0.86	0	0.86	98.0	90	98.0	0.86	0.86	98.0	0.86	98.0
8		87.3		47	97.3	98.0	98.0	0.86	0.86	98.0	0.86	0.86	0.86	98.0	98.0	98.0
1	1.	87.3	6.16	1.76	61.3	96.0	98.0		0.86	98.0	0.86			98.0	98.0	0.86
141	.7	87.3	61.3	4.7	0.86	98.7	7.86	7.86	98.7	7.86	1.86	98.7	98.7	98.7		98.7
	.7	87.3	91.3	4.76			98.7		48.7		100		66.3	86.3	88.3	99.3
141	.7		91.3	1.76		98.7	6000				99.3	99.3	0		0	0000
	1.	87.3	91.3	. 4	. 9	1.86		66.3	99.3	6	6.66		000	00	•	0.001
٥			61.3	24.7	98.0	1.86	80.3	99.3		66.3	66.3	99.3	100.00	10000	100.0	0000

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MHITING FIELD, FLURIDA

93841

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 APR

151

CEILING							VISIA	BILLITY (ST.	VISIBILITY (STATUTE MILES	ES)						
(MET)	2	AI	5 4	7 AI	1 3	2 2%	2 2	V 1%	VI 31	-	AI	*	S VI	2 5/16	AI	AI .
NO CEILING		59.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.
≥ 20000	.7	0.99		71.3	-	-	-	-	-	-	71.3	11.3	-	71.3	71.3	71.
	.7	0.99	10.1	71.3	71.3	71.3	•	71.3	•	711.3	71.3	71.3	•.	71.3	•	71.
N 16000		0.99	70.7	71.3		71.3	•		•			71.3	71.3	71.3	71.3	71.
		66.7	71.3	72.0	•	•	•	72.0			72.0	72.0		•	•	72.
2 12000	.7	67.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	3		73.3		73.3	
		69.3	76.0	16.7	9	9	\$	76.7	9	9	16.1	1601	0	•	•	76.
000		69.3	76.0	76.7	76.7	9	76.7		9		;	76.7		9	•	76.
1		72.0	78.7	90.0	0		ò	80.0	0	0	0	80.0	0	•	0	
700	.7	72.7	19.3		ċ	0	0	0	0		80.7	80.7	0		•	80
1	1.	72.7	19.3	80.7	80.7	80.7	ò	80.7	0	0	0	80.7	5	•	•	
800		74.7	81.3	82.7	2	82.7	2		82.7	2	5	82.7	82.7		82.7	
1	1.	15.3	82.0		84.0		*		4	0.43	*	84.0				84.
000		76.7	83.3	85.3	;	86.0		86.0	•	•	•			9	86.0	
1		16.7	1	89.3	86.0	86.0	9				86.0	86.0	0	86.0	86.0	86.
300	.7	78.0		86.7							8			8	8	88.
1	.7	78.0	1	86.7	87.3		8	86.7	8		88.7	88.7			88.7	
7000		78.0	84.7	86.7	87.3	-		88.7	88.7	88.7		88.7	88.7	88.7	88.7	88.
	.7	78.0	84.7	86.7	7.	-		88.7						88.7	88.7	
200		78.7	85.3	87.3	88.0	88.0	6		6					6	89.3	89
	.7	78.7	86.0	0.88	88.7	88.7	ò	0.06			0.06	0.06	0.06	90.0	0.06	90.
8	.7	80.0	88.0	0.06	0	1006			2.	2			2	5.	92.0	
	.7	81.3	89.3	91.3	92.0		3.	63.3		3	63.3	63.3		63.3	93.3	
8	.7	82.0	2006	92.7	3	3	*		,	;		94.7			4.1	94.
			95.0	47	5	95.3	•		9	. 9	1.96	1006	1006	•	96.7	96.
8	.7		92.0	94.7	5	85.3		1.96	9		9	1.96	1006	1096	96.7	96
	.7	83.3	92.0	1.76	68.3	68.3	1:		-		61.3	97.3				97.
8	.7	83.3	0.26	34.7	95.3	95.3	97.3	97.3	•	97.3		97.3	97.3	97.3	97.3	97.
	. 7		0.26	64.7		98.3		0.86			8	28.1		98.7	98.7	
8	.7	84.0	92.7	99.3	9	0.96		1.96	8	28.7		66.3	86.66	86.3	99.3	
8	1.		72.7	65.3	0.96		98.7	186		66.3	00.00	0.00	0.00	0.00	0.00	100
		0.00	1.74	73.3	•	0.04		100	1006	79.94	•	0000		00.00	•	

0

TOTAL NUMBER OF OBSERVATIONS

150

0380

SOMS DIRNAVOCEANMET

82.0

82.0

82.0

82.0

82.0

82.0

82.0 82.0

6.6/

19.3 82.0

19.3

19.3

77.3

77.3

17.3

82.0 82.0 82.0 82.0

82.0

82.0

82.0 95.0

82.0

82.0 82.0

82.0

0.28

82.0 82.0

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

1 5 1) Senon APR 21

Ī

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

AI

AI

4

9

(FEET)

NO CEILING

> 20000

72.0 72.0 72.0 77.3 72.7 72.0 72.0 17.3 12.0 72.0 72.7 2 5/16 72.0 72.0 11.3 72.7 ۸۱ 72.0 72.0 72.0 12.0 72.7 11.3 ٨١ 72.0 AI 72.0 72.0 72.0

٨١

82.0 6.61 82.0 82.0 82.0 82.0 82.0 76.7 81.3 81.3 72.0 81.3 0.27 76.7 78.7 72.0 1.3 1.3 1.3

71.3

1.3 71.3

62.0

VI VI 8000 0009 0000

68.7

71.3

6.11

62.0 67.3 68.7

72.0

69.3

0.89

62.7

16.0 76.0

73.3

0.2/

73.3

72.0

66.7

81.3 81.3 81,3 81.3 81.3 76.0 0.9 78.0 80.7 80.7 80.7 80.7 72.0 76.0 0.91 0.8/ 80.7 80.

78.0

15.3 78.0

0.4

68.7

80.7

16.0

70.0

7000

0

78.0

0.9/ 76.0 16.0

0.0

78.0

70.0

800

0.0

0.87

78.0

16.0

10.0

4500 4000

AI AI

3500

AI AI

80.7 81.3 84.7 82.7 82.0 84.0 83.3 80.7 95.0 83.3 83.3 80.7 80.7 80.1 80.1 80.7 1.08 80.7 80.

85.3 85.3 86.0 94.0 84.0 84.7 84.0 84.0 85.3 90.7 82.0 84.7 78.0 79.3 62.0 80.7 81.3 81.3 82.7 16.0

85.3

85.3

85.3

85.3

85.3

85.3

84.7

84.7

84.7 85.3

84.7

84.7

84.0

83.3

83.3

83.3

83.3

83,3

82.0

82.0

82.0

82.0

82.0 83.3

82.0

81.3

82.7

82.0

82.0

82.0

85.0

82.0

85.3 86.0

85.3 86.0

85.3

85.3

85.3

85.3

85.3

84.7

84.7

84.0 84.7

86.0

86.0

86.0

86.0

86.0

85.3

85.3

86.7 86.7 86.

86.7

86.7 86.7

86.7

86.7

86.

86.7

86.0

86.7

86.7 86.7

86.7

86.7

86.7

86.0 86.0

86.0

65.3

85.3

85.3

82.7

96.0 88.7

85.3

85.3 87.3

65.3

82.7

87.3

84.7

90.0

90.0

0.06

0.06

0.06

90.0

89.3

88.7

86.7

86.7

86.7

86.7

86.7

94.7 92.

7.46

94.7

7.56

7.46

96.1

92.7

92.7

1.76

92.1

92.7

92.0 0.46

6116 93.3

61.3

0.06 87.3

0.06

0.06

87.3

92.0

92.0

92.0

0.46 0.46

96

96.7

96.7

96.7 98.7 98.7

0.96

95.3

95.3

0.46

0.46

7.96

1006

75.3

94.1

94.1

94.7

80

95.3

96.1

78.0 77.3 78.0 0.87 78.7 72.0 12.0 0.0 71.3 72.0 72.7

2000

AI AI

78.7 72.7

78.7 72.7

200

900

90.0 82.0 78.7 72.7 73.3 74.0

74.0

88

88

83.3 15.3

88

89.3 90.7 90.7 006 75.3 84.7 75.3 75.3

88

99.3100.0100.0100.0

66.3 66.3

66.3 99.3

=

TOTAL NUMBER OF OBSERVATIONS

150

MANAL WEATHER SERVICE DETACHMENT, ASHEVILLE, MC

WHITING FIELD, FLURIDA

114 ALL

A P.R

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	0	9.65	66.7	8.99	8.99	67.3	6.89	11:1	71.2	73.3	74.5	14.7	75.4	76.0	76.8	77.5	19.4	81.3	83.5	83.8	60.98	87.8			91.4	93.5	7.46	95.8	90.96	97.7	98.5	2.66	000
	M Al	.2	66.3	•	*	•	8.19	9.01	70.7	12.8	14.0	7.	6.	5.5	76.3	0.	8.9	80	3.0	83.3	86.4	87.3	89.2	89.7	6.06	6.26	93.6	3.56	0.96	97.1	6.16	98.0	11.66
	≥ 5/16	0	-:	. 2	66.3			*		9.	00		14.8	5.3	~	8.9	8.8	1.0	00	.2	.3	87.1	•	3.6	2.0	92.7	3.6	6.4	5.0	6.8	91.6	8.2	8.5
	22	6.85	0.0	-:	2.9	1.0	9.19		10.4				-	.3	-	. 8		9.	20	7.	.2	001	8	6.3		9.2			5.7		7.5	7.	8.3
	*	8.5	5.5	2.6		.2	-		6.69		.3		.2	0	.3		~	-:	.3	9.		86.5	88.3		0.1	2.1	3.0	6.96		9	6.9	6.76	4
	% AI	6.8	65.5	2.6	2.1	7.	-	8.6	6.6	0	3.3	*	2	0	3.5		8.2	-:	2.3	9.	5.7	86.5			1.06	92.1					•	61.3	
0	- AI			3		5		7.6	69.5	-	72.8		73.7	. 4	75.0	5	-	9						8	69.5	-			9.46	5			0
VISIBILITY (STATUTE MILES)	¥ 1	0	5.0	-	2.5		-	.3		-	72.6		73.5	4	74.8	75.6			81.5			85.6	87.4		0.68	0	8.16	3.	93.8		1.56	•	
HUTY (STA	¥1 75	0.0	-	5	2.5	2.7	9.9	6.3	•	-	2	7			74.6	5	-	6	-	-		2	-		89.0	0	-	0.66	3	4.46		82.5	5
VISIO	7 1	57.8	8.49		4.9	3.5	.3	0	1.6	7.	6	4.	7.	00	4.5	5.3	7.1	0.6	-	1.4		.2	7.0	87.5	88.5	4.06	91.3		93.3	93.7	84.3	64.3	6.46
	2 2%	57.4	;		9. 59	5	0.99		68.8	10.0			72.8		74.2		.0	00	80.5	0	~	4	9	. 9	7.		0	511.3			2.	35.0	2.
	es Al	57.2	2.49			•	65.8		68.5	10.5	711.7		72.6		13.9	. 4		8		0	83.1		85.6	86.1	87.1	89.0	6	0	41.16	1.16	2.	95.0	2
	*	5.	62.8	62.8		4.69	64.3	9	67.0	68.8		0			N		74.3		41.9		80.8		83.3		24.		87.1	87.8					
	\$1		•				•		6.49			•			69.3	•							-		80.3				85.8	85.8	83.0	43.0	83.0
	۰ ۱۸	51.2	26.7	26.8		57.3	57.8	1.09	2.09	01.4	65.3	62.4	63.0	53.4	64.1	1.49	65.8	67.2	68.3	4.89	70.6	40.0	71.8	72.1	72.4	73.3	73.7	14.1	74.2	74.2	14.3		74.3
	2		4.	4.	*	5.	*	4.	*	3.	4.	3.	•	3.	4.	3.	*	3.	4.	3.	4.		3.	3.	*	3.	•	5.	*	•	*	3.	*
CEILING		NO CEILING	> 20000		2 16000		2 12000	1 -	0006		7000	1	0005		900		3000	1	2000		98		900		8		8	005	8		30		0

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 MAY

E

(FEET)																
	2	9 11	5 41	7,1	1 3	2 2%	2 2	¥1 ¥	71 71	-	× AI	*	N 2	≥ 5/16	AI	0 11
NO CEILING		50.3		62.6	. 5	4.	5		9			67.7		67.7		
2 20000		55.5		69.7	71.6	71.6	72.9	74.2		74.8		75.5	75.5	75.5	75.5	75.5
		58.5	5	69.7	-	-	2								-	75.5
14000	-	55.5	30	69.7	-		2	74.2	;	74.8		75.5		3	3	75.5
		55.5	3	6			2.		4					5	3	1
12000		56.9	;	71.0	72.9	•	;	75.5		76.1		-		76.8	76.8	
		57.4		72.3		4	5	0	9	-		8		00		00
000		58.1		-	3					00				6		0
1		0.09	-	9	8	8	0	:	-	-						
700		61.3	72.9	78.1	80.0	0	-	82.6	82.6	•	83.9	83.9	83.9	3.	83.9	83.9
1		61.3			0	0	-	7	5	3				3		
200		61.9		78.7	0	•	-	3	3	3.				*		
1		61.9		18.1	0	0	-	3.	3	3				*		
1 1		61.9	3		:		2	3.	3	;				3.		
1		61.9		19.4	-	-	3.	3.		*				5		
3000		65.6		80.7	~	2	3	5	5					•		
1		95.0	*		2.			3.	3	5						
7 2000		63.2	3	61.0	~	3	-	•	•	-				-		87.7
		63.2	2		3	4 .	3							89		88.4
1300		63.9	;			3	-		00	6				6		89.7
		63.6			3	5	-		6	6				0		
100		63.9	8		86.5				0					-		91.6
		63.9	0	. 91	0		6	0	0	-				-		
8		64.5			-	8		:	-	2				2		92.9
		64.5		85.2		00	0	91.6	-	2			6.76	2.		
8		65.6	0		6	0	à	3.	3	;				;	;	
		69.8	0	86.5	-	-	3			0				9	:	9
84		63.8	•	87.1	:	2.		3	2			97.4	4.16		4.16	97.4
		55.8	0	87.1	65.3	92.9	*	1.96	1.96	4.16	98.1		1 96	98.1	1.86	98.1
1 30		55.8		87.1	5	5	*		. 9			98.7	198.1		98.7	98.7
8		65.8	80.0	87.1	65.3	92.9	95.5	8.96	8.96	98.1	1.86	1.86	186	98.7	98.7	98.7
٥						•	3		8.96	98.1	1.86		186	98.7	98.7	00.0

TOTAL NUMBER OF OBSERVATIONS

155

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 TAY

E

CEITING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	2	AI	\$ 1	4	E 4	≥ 2%	2 4	VI 22	¥1 ¥1	-	AI	*	N N	2 5/16	AI	٨١
NO CEILING		36.1	40.7	51.6	49.7	00	55.5	97.4		58.1	58.7	58.7	67.7	67.7	61.3	61.9
18000		004	5 10		500			m m	63.9	2 20	500	65.8			20 00	69.7
		40.4	mr	52.9	50	01		6.0	20	0 0			69.0	-6		
		43.9	00	3 50	58.7	00	10 10			00 0	00		0.17			73.6
			50.3	56.8	0-		- 00	70.3	70.3		-12	72.3	74.2	w 4		75.5
0005 Al Al		43.9	-:	- 00	- 2	- 0		0 ~	3-	- 2	NE			* 5	76.8	76.1
4000		24.3		eo eo	200	mm		-:-		200		73.6	200	200		1::
1		44.5	25	60.0	m 0			200		4 0	11			00		81.3
12 12 200		47.7	58.1	4 10	00	0.0	0 0	- 80		00 0	00	80.0	-:-	-:	-2	83.2
VI VI 081 082		4.8.4	2 .	no	9 6	0 4	00		BN	83.9	04	84.5	82.6	82.6	4.	84.5
VIVI 000 000		51.03		72.9	76.8		200	67.1		n 00 0	000	89.0		91.0	: -	92.9
		51.0	-	73.6	78.1	78.7		9 2	- 00 1		000		92.3	92.3		94.2
		51.0		73.0		18.7	87.1	00	000			91.0	6.26		mm	94.8
		-	65.2	76.2	000		10.7	69.7	4.16	91.0	91.0	91.6	93.6	93.6	94.2	95.5
8 8 14 14		27.0	65.2	74	0	80.7		: -					95.5	95.5	96.8	98.1
8 °		::	65.2	74.8	80.0	80.7	89.7	91.6	91.6	92.9	94.2	34.5	96.1	96.1		000

TOTAL NUMBER OF OBSERVATIONS

155

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

MAY MOUTH OG

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

CEILING										-						
(FEET)	5	9 11	2 41	AI	e Al	Z 2%	N Al	V 1%	¥1 VI	- AI	AI	*	Z AI	≥ 5/16	× Al	٨١
NO CEILING		20.7			*		83	38.1		2	3	44	6	5		
≥ 20000		24.5		38.7	41.3	~	-	47.1	47.1	•	3	55.	6		0	63.
18000		54.5			-		47.1	4/.1	1.1.	-	2	55.		29.4		63.
2 16000		24.5			41.3	•	÷	47.1	47.1	-	5	55.		6	0	
2 14000		24.5			-		-	1.4		-	5	55.		6	0	
12000		25.5		6	41.9	•	-	47.7		2	0	56.	0	0	-	65.
		59.92			*	0	0			5	0	90		3	2	69
900		26.5		41.9	44.5	45.8	0	50.3		5	0	60.			3	69
		27.1			5		3				-	61.	5			71.
1 1 1		28.4				ċ	*			0	4	64.				73.6
1		58.4	38.7	3	8		3			0	3	04.		202		m
2000		29.0		47.1	0	N	2	57.4		2	-	0	2	2.		77.
		29.0			0	2	-			2	-	67.	7	63		
88		30.3		48.4	:	3					0	66		3		78.
1		30.3	40.1	00					58.		0	60	3.	73.6	74.8	78.
3000		30.3		0.64	2	*	0		00	5	0	10.		;		80.
1		30.3		6	2	5	0			5	-	-	5	5		80.
7000		30.3			2	*	0				-	71.	2			
1		31.0		0	3.	3	0			9	-	-1				81.
200		32.3	63.6		3	-	3			0	4	74.	0	8		83.
1		32.3		52.3	5					6	3	14.		8		83.
00		32.9		*	-	6	3.			-	-	77.	-		83.2	87.
1		32.9					3.			-	-	17.	-	-		87.
8		32.9	45.8	54.5		0.09		67.1		72.9	8	78	3	3	;	88.
		33.6									0	80.	5	85.2	86.5	.06
8		33.6	47.1			2	6		6	3	-	81.	3		-	91.
		33.6					6		0		N	82.		87.1		92.
8		34.2		58.1	6119		-		-		3	83	8		6	93.
1		34.2				63.9				0	9	86	-	-	93.6	97.
88		34.2	48.4	58.1	61.9	1	72.9	73.6	73.6		87.1	87.	92.3	92.3	3	98.
8		34.2	48.4		61.9	63.4		13.6	13.6	81.9	87.1	87.7	. 7	•	9.46	98.

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

93841 STATION

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING PIELD, FLORIDA

19866

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

60 Money MAY

2019

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(53						
(FEET)	5 4	9	\$ AI	4	6 41	2 2%	~ Al	¥1 ¥	¥1 Y	-	% Al	₩ Al	Z AI	≥ 5/16	AI	0 11
O CEILING		38.7	43.9	45.8		46.5		40.5			46.5	40.5		46.5	40.5	
> 20000		49.0	55.5	57.4	58.7	58.7	58.7	58.7	58.7	58.7		58.7		58.7	58.7	58.7
18000		0.64	53.5	57.4	58.7		58.7	58.7	8	58.7	58.7	58.7	58.7	58.7	58.7	58.7
7 16000		0.64	55.5	57.4	58.7	58.7	58.7	58.7	58.7	1000	58.7	58.7	58.7	58.7	58.7	58.7
> 14000		0.65	55.5	57.4			58.7	58.7	58.7	58.7	28.7		58.7			58.7
7 12000		49.7	56.1	58.1	\$ 65	29.4	59.4	59.4	29.4	59.4	59.4	29.4	29.4	59.4	29.4	59.4
		52.9	0.09	6119	63.2	03.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
000		52.9	0.09	61.9	63.2	63.2	63.9	63.6	63.9	63.9	63.9	63.9		63.9	63.9	63.9
1		58.1	:	67.7	1.69	1.69		0.17	:	71.0	71.0	:		-	71.0	71.0
7000		58.7	:	68.4	0	70.3	71.0	71.6	71.6		71.0		71.6	71.6	71.6	71.6
1		29.4		0.69	71.0				2	72.3		2	7	12.3	2.	72.3
0005		29.4		69.7	72.3	72.3	73.6	74.2	•	74.2	74.2				74.2	74.2
1		29.4	61.	1.69					3		74.2		3			74.2
000		29.4		70.3	72.9	72.9	74.2	74.8						74.8		74.8
1		29.4	1	70.3				74.8								74.8
3000		29.4		70.3	72.9	72.9	74.2	74.8	74.8		74.8	74.8	14.8	74.8	74.8	74.8
1		61.3	1	72.3	4.	14.8		16.8		*		16.8	16.8	16.8	76.8	76.8
7000		62.6		74.2	76.8	76.8	78.1	78.7	78.7					•	78.7	78.7
		63.2	1	14.8	71.4	3.1		73.4	4.61	3.			6		19.4	10.4
200		70.3		83.2	86.5	86.5	87.7	88.4	88.4	88.4		88.4	88.4		88.4	88.4
1		13.5	1	86.5	89.7	89.1	0.16	91.6	-	-			=	91.6	91.6	91.6
000		75.5		0.68	92.3	92.3	34.5	94.8	94.8	8.46	94.8	8.46	94.8		94.8	94.8
		75.5	1	89.0	92.3	92.3	94.2	94.8	3	8.46	94.8	8 . 46	3	94.8	94.8	8.46
8		77.4	87.	91.0		94.2		8.96	96.8	96.8	8.96	8.96	8.96	8.96	96.8	96.8
1		7.1	1	91.6	*			4.76		4.66	4.16	31.4	4.16	97.4	4016	4.16
8		77.4		91.6	8.56	94.8	96.8	4.76	-	4.16	4.16	97.4	97.4	97.4	97.4	97.4
		77.4	1		95.5	85.5	4.16	1.86	98.1	1.86	7.86	48.7	48.7		1.86	48.7
8		77.4	:	92.3	5		4.26	1.86		98.1	98.7	98.7		98.7	98.7	98.7
1		4.4	89.7	2	1.96		98.7			4.66	0.001		0	100.001	00.00	0.00
30		77.4	89.7	65.6	1.96	8.96	98.7	3.66	4.66	4.66	0.001	100.00	00.00	100.001	00.00	
8		17.4	1.68	2.	1.96	8.96		7.66	4.66	4.66	0.00	00.00	•	100.001	00.00	0.00
0		77.4	99.1	6.26	1.96		98.7	3.66		4.66	0000	0.001	0.00	100.00	00.00	000

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

YEARS

12

HOURS (L S T MAX MONTH

1008

51.6 83.9 87.7 2.46 48.4 51.0 0.0010.0010.0010.0010.0010.0010.0010.0010.00 99.4100.0100.0100.0100.0100.0100.0100.0 99.4100.0100.0100.0100.0100.0100.0100.0 46.5 61.9 ٨١ 57.04 96.1 40.5 21.0 51.6 2.46 58.7 619 83.9 87.7 4.76 57.4 65.8 48.4 54.8 6119 1.96 97.4 56.1 87.7 88.4 88.4 88.4 94.2 1096 46.5 51.6 78.1 83.9 45.8 98. 91.4 87.7 46.5 56.1 61.9 2.46 78.1 92.3 96.1 58.7 58,7 96.1 83.9 4.16 51.6 78.1 48.4 57.4 97.4 51.0 8.50 56.1 58.7 58.7 6119 87.7 92.3 96.1 7.86 46.5 1.96 83.9 2.56 48.4 4.66 4.16 57.4 65.8 88.4 46.5 21.0 54.8 61.9 87.7 92.3 51.6 56.1 58.7 78.1 1.96 4.16 83.9 2.46 58.1 98.7 96.1 51.0 97.4 4.16 51.6 65.8 4.66 46.5 57.4 61.9 63.9 88.4 97.4 46.5 48.4 58.7 54.8 56.1 78.1 87.7 87.7 92.3 2.56 96.1 58.7 1.96 45.8 VISIBILITY (STATUTE MILES) 57.4 34.5 4.16 1.96 4.76 48.4 51.6 1.96 78.1 92.3 7.86 45.8 46.5 46.5 21.0 54.8 56.1 61.9 65.8 58.7 58.7 51.4 87.7 97.4 46.5 97.4 4.66 4.66 51.6 56.1 78.1 92.3 1.96 4.16 34.6 58.7 58.7 61.9 65.8 38.4 34.5 98.7 83.9 96.1 4.66 54.8 4.16 61.9 34.5 78.1 1.96 92.3 94.8 96.1 4.16 1.86 98.7 46.5 51.0 56.1 57.4 57.4 65.8 87.7 88.4 98.7 45.8 58.7 98.7 65.8 1.96 56.1 87.1 91.6 33.0 46.5 51.6 94.8 78.1 96.1 8.96 54.8 58. 61.9 87.1 96.1 58.7 63.2 93.6 46.5 61.9 91.6 8.96 48.4 57.4 57.4 65.8 78.1 8.96 46.5 58.7 87.1 8.56 1.96 56.1 96.1 96.1 96.8 87.1 58.7 48.4 86.5 46.5 51.6 91.0 2.46 46.5 51.0 61.9 65.8 78.1 65.6 95.8 98.5 95.5 24.8 56.1 58.7 58.7 82.6 94.2 96.1 87.1 96.1 1.96 93.6 51.0 61.3 81.3 92.3 93.6 93.6 34.5 45.8 77.4 85.2 85.8 92.3 2.56 50.3 55.5 56.8 65.2 89.7 0.16 45.8 58.1 58.1 47.7 53.6 57.4 0.16 72.3 83.9 81.9 82.6 41.9 44.5 0.64 51.0 0.69 19.4 80.0 95.20 50.3 75.5 61.6 82.6 1.91 81.3 81.3 41.3 41.3 41.9 42.0 82.6 47.1 AI 2 NO CEILING (FEET) VI VI 0009 0009 V 1V 12000 800 7000 2500 88 88 80 ¥ 20000 120 88 200 900 3500 1500 88 AIA ALAI AI AI ALAI

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 MAM

2

ינינואס								The second secon		G						
(ARE)	2	o Al	S AI	AI	e Al	Y 2%	7	Y1 %	VI Z	Ā	% Al	*		Z.		/s × ×
NO CEILING		42.6	45.	5	5.	5	5.	5	5	5	5	3			.8 45.	.8 45.8 45.
≥ 20000		54.8	29.4	0.09	0.09	0000	0.09	0.09	0.09	0.09	0.09	0.09	60		.0 60.	09 0.
		55.8	60.	0	0	0		0	0	0		0	9		.7 60.	.7 60.7 60.
≥ 16000		56.1	60.	61.3	61.3	-	-	-	-	-	-	-	10		-	1.3 61.
		56.1	.09	61.3	61.3		-	-:	-	-		-	10			1.3 61.
> 12000		58.1	63.	63.9	63.6	63.9	63.9	63.9	63.8	63.9	63.9	•	63.	0	3	3.9 63.
		61.9	67.	67.7	67.7		-		67.7	7.			6			
000		61.9		67.7	67.7	67.7	67.7		67.7		67.7		67.	-	7 67.7	7.7 67
		63.2	68.	6	6	6	6		6	6	6		69	0	69	69.0 69
700		63.9	0		1.69	0							69	-	6	69.7 69.
1		63.9	69	6	6	1.69	6		6	6			69	-	69	69.7 69.
200		64.5	1	-	71.0	-			71.0	-			71.	O	-	71.0 71.
1		64.3	0	71.0		-			-	-					7	71.0 71
1 4		67.1	73.	*	74.2	4			74.2	*			74.		*	4.2 74.
		72.9	80.	0	0	0	0		0	0			80.		0	0.7 80.
3000		78.1	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	82.8	85.6		85.8	5.8
1		80.0	87	-		1.			87.7	1.	87.7	87.7	87.7		1.	7.7 8
7 2000		81.9	œ	ċ		0	0		0	0	90.3	90.3	90.3		0	0.3
		81.9	68	0		0			0			90.3	90.3		1 90.3	0.3 9
> 1500		83.2	0	-	5	2.			92.3	3	92.3	92.3			5	5
		83.2	0		92.3	5.				92.3		92.3	-			2.3 9
1000		85.2	0	3	4				5	5	•	95.5	95.5		95.5	5.5
		85.2	92.	93.6		*		65.5	95.5	95.5		95.5	95.5			5.5 9
8		86.5	0	3		.9	4.16		4.16	97.4		98.1	98.1			8.1 9
		86.5	94.	5	8.96	8.96	4.26		97.4	4.66		98.1	.86		98.1	8.1 9
8		86.5		3.			4.16		4.16	4.16		98.1	98.			8.1 9
		86.5	. 56	96.1	4.16	37.4	98.1		1.86	98.1	98.7	98.7	98.		7 98.7	8.7 9
8		86.5		1.96	4.16	-	1.86	98.1	1.86	98.1	98.7	7.86	98		7 98.7	
		87.1				186	4.66	7.66	4.66	4.66	10000	0.001	0		0	100.001
7 200		87.1	96	97.4	68.7	98.7	4.66	4.66	4.66	4.66	100.0		•	$\mathbf{a}$	100	100.0100.
VI 85		37.1	96	4.76	7.86	7.86	4.66	4.66	4.66	4.66	0.001	0.001	0	0	0100.0	100
		67.1		97.4	1.86	78.	9.66	4.46	4.66	4.56	0.001	•	•		100	100.00100

TOTAL NUMBER OF OBSERVATIONS

155

BUVE

SMOS DIRNAVOCEANMET

# CEILING VERSUS VISIBILITY NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MAY MONTH 18 18

ON III							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES						
(FEET)	2	۸۱	% Al	4	21	2 2%	2 41	71 71	VI 3.1	-	% Al	*	Z AI	2 5/16	N NI	0 11
O CEILING		43.9	47.7	8	20	80	8		20	20		8		0		48.4
¥ 20000		0.09	67.1	68.4	0.69	0.69	0.69	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
		0.09	-		6		6	69.7	6	6	6	1.69	1.69	6		69.7
14000		0.09	67.1	68.4			6	69.7		6		69.7	69.7	6		69.7
		60.7		.69	6	6	6	0	0	0	0		0			70.3
17000		62.6	1.69	71.0		71.6	•	72.3			72.3	72.3		72.3		
1		2.50	2	14.	*	4	*		5	5	3		5			
8		65.8	~	74.	75.5	2		76.1			.9		0			
		70.3		-61	0	0	0		0	ċ	0		6			
700		71.6	8	80.	-	-	-		3	2	5		2.			82.6
1		11.6	8	8 •	-	-	-		2	2.	7		7			
200		72.3		81.	:	-	3			3	3		3			
1		72.3	6	81.	-	-	2.				3					83.2
88		74.2	•	8		6	3		5	5	5		5			85.2
1		75.5	7	64.	3	5	0		-	-	-					87.1
300		75.5	ev		85.2				-	7	7		7.			
		76.1	3.	1_	3	9	-		-	7	-		-			87.7
500		76.8	*	86.	-				6	6	6					89.0
		76.8	*	86.			80		6	6	6		6			
200		77.4			89.0	6	0		-	-	-		-		91.6	9116
		78.7	-	89.	-	-	2.		3	3	3		3			
1 1 1		80.0	89.	91.	2	*	*		3	5	3		3			
		80.0	89.	.16	2		*		5	5	3		3			95.5
8		80.0	68	91.	4		9			7	7.		1.			97.4
		80.0	89.	91.	3		9				-					97.4
8		80.0	606		3				8	*	8		8			98.1
		80.0	91.	2	0		80		6	6	5		6			
1 4 9		80.0	6	93.	8.96	4. 16				6	6	4.66	4.66			
		80.0	91.	63			. 9		6	6	0		0		4.66	0000
8		·	•		.0	4.16			4.66	.6	4.66		4.66		99.4	0000
		80.0	:	. 66	90.0	37.4	1.96	7.66		4.66	4.66	4.66	4.66	4.66	4.66	0.00
0		ċ	:	93.6		97.4			4.66	•		•	4.66	4.66	4.66	0000

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

84.5 84.5 85.8

85.8 85.8

85.8

85.8 8.58

85.8

85.8

86.5

86.5

86.5

86.5 85.8

86.5

86.5

86.5 86.5

85.8

86.5

86.5

86.5

86.5 87.1

86.5 87.1 87.7

86.5

86.5

87.1

87.1

87.1 87.7

87.7

87.7 89.0

87.1 87.7

87.1

87.7

87.7

89.0

0.68

89.0

89.0

0.68

0.68

6006 6006

90.3

90.3

6006

6006

90.3 90.3

90.3

6.06

90.3

90.3

90.3

6.06

90.3

90.3

90.3

90.3

91.0

91.0

91.0

0.16 91.6

0.16

0.16

91.0

91.0

91.0

0.16

90.3

1.68 90.3 92.3

91.6

91.6

9100

91.6

91.6

91.6

91.6 93.6

91.6

91.0

92.9

93.6

93.6

93.6 8.46 8.46

93.6 8 . 96

93.6

93.6

93.6

8 . 76

8.76

8.46

94.8

8.76

8.46

8. 76

8 9 76

34.5

8.46

8.76

8.46

94.8

8.46 93.6

34.5

93.6 93.6

8.46

8.46

96.3 96.8

96.8

96.8 96.8

96.8 96.8 98.1 7.86

96.8 96.8

96.1

95.5

96.8

1.86

98.1 98.7

98.1

1.86

1.86

98.1

98.1

7.86

98.7

7.86

98.1

4.16

98.1

98

98.7

7.86

98.7

82.6

82.6

82.6

82.6 95.6

82.6

82.6

82.6

82.6

84.5

84.5

82.6

19.4

4.61

19.4

19.4

79.4

19.4

4.64

0.08

80.0 81.3

80.0

80.0

80.0

81,3 82.6

81.3

81.3

81.3

4064

0.0010.0100.0100.0100.0100.0100.0100.0100.0100.0100.0

100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0100.0

98.

80

AI AI

288

AI AI

40 B

2

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

YEARS

CEILING VERSUS VISIBILITY

21 HOURS (LST) FAY MONTH

> PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

\* 79.4 × 79.4 77 17 4 1 2% 78.1 ٨١

٨١

N N

2 5/16

2

19.4 85.8 82.6 84.5 81.3 82.6 80.0 80.0 82.6 85.8 79.4 81.3 82.6 79.4 79.4 82.6 85.8 82.6 0.08 81.00 84.5 80.0 19.4 82.6 81.3 82.6 85.8 4.61 78.7 78.7 80.7

90.0

78.7 80.0 80.0

76.1

65.8 64.3 66.5

2000

AI AI

4500 400 400

AI AI

3000

8000 7000

AI AI

65.2 65.2

54.5

Y 14000

78.1 78.7

76.8

73.6

17.4

7.51 75.5 76.1

63.2

78.1

16.8

3.6

65.6

VI VI 16000

76.8

73.6

62.0

NO CEILING

AI

11

A!

2

(FEET)

85.8 85.8 85.8 85.8 86.5 85.2 85.2

89.0 86.5 86.5 87.1 87.7 86.5 89.0 86.5 87.1 87.7 86.5 85.8 85.8 87.1 83.2 81.3 81.3

88.4 89.7 69.7 89.0 84.5 85.2 85.8 86.5 87.7 85.2 84.5 86.5 84.5 81.0 83.9 83.9 88.2 86.5 63. 83.2 78.1 78.7 78.7

89.0 86.5 4.64 80.0 81.3 19.4 19.4 81.3 67.1 67.1

87.7 87.1 81.9 81.3 4.89 4.89 4.89 7.89 67.1 67.7

63.0 9.28 82.6 4.89 4.89

2000

A1 A1

69.7 1.69

1800

14 14

1200

11 11

83.9 71.0 71.0

88

AI AI

90.3 65.3 6006 85.8 88.4 87.1 83.9 86.5 88.4 71.6 71.0 11.6

88

ALAI

88

AI AI

93.6 34.2 95.3 88.4 71.6 71.6 TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (18T) MAN

E

																-
CEILING							VISI	VISIBILITY (STA	(STATUTE MILES)	(\$)						
(FEET)	2	۸I	5 1	4	e Al	≥ 2%	7	71 71	¥1 VI	-	% Al	*	Z AI	≥ 5/16	AI	0 11
NO CEILING		39.5			30		6	0	0	-	-	-	-	-	2.	
× 20000		48.6			0	0	-	65.3	2	•			+	•	;	65.3
N 18000			55.7	00	0		-	2	3		100		4		*	
00091 ~		48.8		00	0	0	2	2	2	10	4	;		4	5	
14000		0.65	56.0	0	0		3		3	3.	*			4	5	
× 12000		50.5		4.09	6.10	62.2		*	64.2	65.0	5	65.7	66.5	66.5	66.7	67.3
		52.0			*			0	9		33	8			6	0
000				0		101	.9		-	8	8	8	6	6	6	ò
		54.5					0	0	ċ	-	2	2.	2	2	3	3
7000		55.4		-	6	6	-	-	-	2				*	*	*
1		55.7	54.1		6	6	-	1	-	~	3			4	*	5
2000		2.95	6.49	9.89	0	•	2	3	•	4	*			3	;	.9
		56.2		002	0	0	2	6		4	4	;	3	3	0	9
1 11		57.3	1.99	0	-	2.	*	*			9		1	-	-	8
		58.1			3		5	0	.0	-	8			6	6	6
3000		51.3	70.7	74.7	76.4		8	19.4	6		-	-4	-		2	85.8
		65.3	72.0	9		-	0	:	-	2.	2	2	3.		*	
7 2000		63.3	73.3	-	6	ċ	2	2	7	9	*		2	5	3	•
1		63.6		72	0	o	2.			*	*	3	5		3	
1500		9.69	76.6	80.9	*		3						8		6	6
		66.3		2		4	-				6	0	0	0	0	-
1000		67.4	29.0	83.7		0	6	0	0	-	-	6116	2		2	93.6
		4.19	19.0		0		6	0	0	-	-	-	7	92.7	3	3
008		68.2	80.1	*	-	00	.0	-	-	2	6		*	;	;	95.2
		68.2		5	8		-	2.	S		*	*		4	5	95.7
8		4.89			98.6	6	-	92.7	3.	93.6			3		3	96.3
		68.6				0	~		*	*	5	3	0	9	ò	-
004		69.6		86.6	6	90.3	93.2		;	3	1 .96	1 .96	0		-	
		68.7		9	0	0	*		*		:	-		8	8	
70		68.7			0	6.06	. 4				-	97.3	8			
8		68.7	31.5	86.9	2.06	6.06	94.1	5.76	6.46	4.96	61.5	87.5	7.86	00	6.86	99.66
		68.7	81.5		0	•	. 4	•	*	•	97.5	81.8	20	4.86	8	0000

TOTAL NUMBER OF OBSERVATIONS

1240

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 S C S

CEILING							VISIA	BILLITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	٥ ٨١	\$ 1	7	1 3	≥ 2%	7 41	¥1 Y	¥1 YI	- Al	AI	₽ Al	Z AI	2 5/16	M Al	0 11
NO CEILING		60.7	69.3	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	16.0	76.0	76.0	76.0
> 20000		73.3	83.3	0.88	90.0		1.06	90.7	90.7	40.7	7.06	40.4	7.06	1.06	40.4	7.06
18000		73.3	3	88.0	90.0	1.06	1.06				1.06	40.4		4006	2006	90.7
14000		73.3	83.3	88.0	0	0		40.7	1006	40.4	1.06	40.1	40.4	1006	1006	90.7
> 14000			83.3	0.88		1.06		40.4	0	40.1		1.06			2005	1006
2 12000		73.3	83.3	0.88	0.06	0	1.06	7.06	4006	40.4	30.7	1.06		1.06	1.06	90.7
		76.0	87.3	42.7	1.76	5.		65.3	95.3			62.3		3	65.3	95.3
0006				92.7	1.56	65.3	95.3	95.3	95.3	95.3	65.3	62.3	95.3	95.3	95.3	95.3
		7.97		63.3	93.3	9		9			0.96	0.96	0.96	9	0.96	0.96
7000		76.7	88.0	63.3	65.3	96.0	.9	96.0	0.96	•	0.96	0.96	0.96	6	0.96	0.96
1		76.7		63.3	95.3	0	0.96			9	0.96	0.96	0.06	9	0	0.96
0005		76.7		63.3		0.96		0.96	96.0	96.0	0.96	0.96	0.96	0.96	•	96.0
1		76.7		63.3	65.3	6	.9	0.96		9	0.06		0.96	0	0.96	0.96
0007		76.7		93.3		0.96	0.96	•		•	0.96	0.96	0.96	\$		96.0
		76.7	38.0	93.3	95.3		9	0.96		0.96		9	0.96	9	0.96	0.96
3000		76.7	00	44.7		61.3	97.3	97.3	97.3	97.3	61.3	97.3	97.3	97.3		97.3
1		78.0	1	0.96	0.86	00				8		48.7	48.7	8	98.7	98.7
7 2000		78.0		1.96	7.86	66.3		66.3	86.3		66.3	66.3	86.66	6	866	66.3
		78.0	1.06	1.96	1.86	66.3		66.3	66.3	866	66.3	66.3	66.3	6	66.3	66.3
1 1 1 300		78.0	1.06	1.96	7.86	86.3	5.66	86.66	86.66	8006	66.3	66.3	66.3		66.3	86.3
1		78.7	91.3	6.16		100.001		0.00	100.00	100.00	0.001	0000	0.001		00.00	00.00
0001 1		78.7	61.3	97.3	66.3	00.01	00.00	•	100.0	0	00.00	0000	000		00.00	00.00
		18.1	6116	61.3	66.		0000		100.00	•	0000	000	0.001	100.001	00.00	00.00
88		78.7	91.3	97.3	99.3	10000	00.00	00.0	•	0	100.0	0.00		0	00	0000
		78.7	61.3	97.3		100.00		00.00	100.00	10000	0000	00.00		ċ	0	00.00
8 AI		78.7	91.3	6.16	99.3	100.00	00.00			0	00.001	00.00	0.00	0	00.00	000
		78.7	61.3	61.3	66.3	10.001	•		•		00		0000	0	00.00	0000
004 1		78.7	91.3	97.3	99.3	00.00	00.00	00.00	100.0	0.0	100.0	000	00.00	0	00.00	000
38		78.7	616	97.3	99.3	00	•		100.00		0.00	000	000	00.00	000	000
1		100	24.5	71.03	19.3	000	00.00	3	100.0	00001	0000	0000	0000	000	0000	000
80		78.7	91.5	01.0	99.3	000	0.00	000	0000	000	000	0100	000	000	000	000
							2	• 1	•		٠J		1			

TOTAL NUMBER OF OBSERVATIONS

150

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

88.0 0.46 0.96 0.46 88.0 93.3 89.3 89.3 89.3 7.96 0.0010.0016.66 0.0010.0016.66 0.0010.00 99.3100.0100.0 0.0010.0016.66 93.3 97.3 0.88 93.3 0.46 0.46 0.86 88.0 1.96 686 66.3 0.86 0.86 0.46 0.96 97.3 93.3 93.3 0.86 89.3 1.96 88.0 7.46 97.3 93.3 0.76 93.3 87.3 93.3 0.96 0.46 1.76 97.3 87.3 93.3 97.3 88.7 92.7 1.96 87.3 68.7 92.1 92.7 97.3 98.7 96.7 66.3 0.46 66.3 93.3 92.7 93.3 93.3 93.3 93.3 66.3 0.96 0.96 0.96 44.7 97.3 97.3 88.7 97.3 87.3 87.3 87.3 1.76 0.46 0.46 0.46 46.7 63.3 87.3 93.3 97.3 92.0 92.7 92.7 92.7 96.7 98.7 99.3 88.0 88.7 88.7 88.7 99.3 99.3 7.26 7.59 7.29 0.59 97.3 97.3 ۸۱ 93.3 86.66 87.3 93.3 97.3 66.3 66.3 66.66 87.3 1.26 93.3 93.3 0.46 94.0 94.7 94.7 96.7 96.7 96.7 66.3 99.3 88.7 97.3 98.7 ۸۱ 1.96 1.26 61.3 63.3 93.3 0.46 66.3 6.66 87.3 66.3 97.3 66.3 86.7 87.3 97.3 88.0 88.7 97.3 98.7 99.3 AI 96.0 0.96 92.0 93.3 92.7 93.3 7.96 98.0 92.0 92.7 92.7 92.1 93.3 96.7 96.7 9601 98.1 98.7 98.7 VISIBILITY (STATUTE MILES) 86.0 0.86 96.0 96.0 0.86 0.86 98.0 92.0 92.0 95.3 0.96 0.96 97.3 98.0 87.3 87.3 92.0 95.3 0.96 0.86 91.3 91.3 0.96 93.3 91.3 92.7 92.7 1 1 V 86.0 87.3 0.26 0.26 0.96 0.86 0.86 0.86 91.3 61.3 95.3 0.96 97.3 65.3 86.0 86.7 87.3 92.0 92.7 61.16 0.26 92.7 0.96 93.3 1.76 95.0 2.06 2.0 1.06 91.3 61.3 90.0 92.0 90.0 92.0 92.7 1. 46 1.56 95.3 97.3 97.3 97.3 61.3 85.3 95.3 95.3 97.3 97.3 85.3 85.3 91.3 1.96 64.3 86.7 88.0 93.3 93.3 95.3 61.3 93.3 89.3 0.06 63.3 95.3 83.3 66.3 95.3 69.3 95.3 84.7 1.06 92.7 84. 63.3 88.7 88.7 94.7 0.06 0.06 0.06 89.3 95.3 65.3 62.3 83.3 69.3 92.7 93.3 83.3 83.3 69.3 89.3 1.06 93.3 95.3 63.3 88.7 92.1 93.3 7.96 84.7 88.7 84. 89.3 2001 78.0 79.3 87.3 84. 75.3 84.7 85.3 0.06 0.06 63.3 84.7 87.3 88.0 83.0 20.06 0.06 0.06 0.06 84.0 . , 3 88. 0.48 84.7 80.0 90.0 ۸۱ 11.3 80.0 69.3 0.4/ 75.3 78.0 54.7 73.0 0.08 0.8/ 80.0 30.0 74.0 19.3 80.0 69.3 69.3 60.7 74.0 100 70.7 74.7 61.3 74.7 62.0 75.3 13.5 04.7 78.0 51.3 74.7 61.3 74.7 64.0 77.3 11 95.0 0.29 2009 0.99 62.0 0.99 58.1 54.7 66.7 66.7 54.7 56.7 66.7 55.7 9 AI NO CEILING CEILING (FEET) Y 14000 2 8 8 8 8 8 8 8 8 88 3800 98 88 88 80 20002 1 V 19000 VI VI 000 000 000 000 000 88 288 88 88 88 AI AI AI AI AI AI 11 11 AI A AI AI

0

TOTAL NUMBER OF OBSERVATIONS

150

=

1

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

90

200

26

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEE)	2	۰ ۱۸	\$ 41	4	6 41	7 2%	2.4	V 1%	VI 74	-	N AI	# AI	Z AI	2 5/16	Z AI	O AI
NO CEILING		23.3	0		57.3	58.1	-			*	64.1	64.7		4	54.7	65.3
> 20000		29.3	47.3	58.7	64.7	66.7	69.3	70.7	70.7	72.7	72.7	72.7	72.7	•	72.7	74.0
		29.3		58.7		1.99	6			2.			72.7		-	
¥ 16000		29.3	-	58.7	1.49	66.7	69.3	70.7	•		72.7		72.7	72.7	72.7	74.0
> 14000		29.3	-	53.		9	6		o	2					72.	74.0
12000		30.0	8	0.09	999	0.89	70.7	72.0	72.0	;	•	74.0	74.0		-	75.3
1		35.3	*	0.99	72.1	'n				2.					82.	
0006		36.0	3	•	73.3				0	2	82.7				83.	84.7
		37.3	9		76.0		2.								87.	88.7
7000		37.3	.0	69.3	76.0			85.3	3	-	87.3	87.3	88.0		88	89.3
1		37.3	9		76.0		2.		5.		-	87.3			88	89.3
900		37.3		69.3	76.0		82.0		85.3	-	87.3	87.3			88	89.3
		37.3	9		76.0		2		2		-				88.	89.3
900		37.3	.9	69.3	76.0			86.0	86.0	8	88.0		88.7			90.0
		37.3	9	c	76.7					8	88.1				89	90.7
3000		38.0	9	70.7	77.3			87.3	87.3	6	89.3					91.3
1		38.0	9				;			6					90	
1 2000		38.7	57.3	711.3	78.0	81.3	84.7	88.0	88.0	0.06	90.0	0.06	7.06	90.7	90	92.0
1		38.7	-	•	78.0					0	0.06					92.0
1300		39.3	00	72.7	79.3		.9	89.3	69.3	-						0.46
1		40.1	6	*						2.	93.3				94.	95.3
000		40.7	6	74.0			-	40.7			93.3			•	94.	95.3
		40.7	6	74.0	80.7					2.	63.3				96	95.3
8		41.3	0	*			*			;	1.96			•	95.	96.7
		41.3		74.7	82.0					4	1.96		95.3		65.3	96.7
8		41.3	•	-		0	6	92.7	92.7	4					96	97.3
		41.3	o	75.3	82.7			92.7		3	95.3				96	97.3
8		41.3	ò	75.3	83.3	0			93.3	50	0.96				96	98.0
		41.3		16.0	84.0	67.3	1.06	0.46			1.96	1.96			0	96.7
1 300		41.3	2.09	16.0	84.0	67.3	2006	0.06	0.46	ċ	1.96		97.3	97.3	0.86	99.3
		41.3		0.91	84.0	61.3	•	0.46	0.06	9	1.96	1.96	61.3	97.3	98.7	00.00
١٨١		41.3	2.09		84.0	87.3	1.06	0.46	0.46		1.96		97.3	97.3	98.7	

0

0

TOTAL NUMBER OF OBSERVATIONS

150

341

SMOS DIRNAVOCEANMET

. | mmmormomoormmmmrrmcmrroooooooo

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

400 000

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MILI	ES)						
(FEET)	VI 5	9	\$	1	N .	> 2%	7	VI 75	¥1 ¥1	- AI	% Alı	₩. Ali	Z AI	2 5/16	× Ai	۷۱
NO CEILING			50.3	52.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.
00081		51.3	59.3	62.7	63.3	63.3	000	63.	mo		min	63.3	63.3	63.3		63.
00001 A			60.09	63.3	54.0	04.0	54.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	66.
1200		52.7	60.7	0.49	64.7	64.7	3	64.7	*	64.7	64.7	64.7	64.7	64.7	64.7	64.
0000		56.0	64.0	67.3	68.1	69.7	69.3	70.07	70.07	20.07	70.0	70.0	70.07	70.0	70.07	70.07
000		59.3	67.3	71.3	72.7		73.3			73.3	73.3			73.3		73.
1 11		0.09	68.0	72.0	73.3	73.3	74.0	14.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.
0009		0.09	0.89	72.0	•	13.3	0.4	0	14.0	74.0	•	74.0	74.0	14.0	14.0	*
		000	1000	12.1	74.0	0.0			100	140			100		14.	
4 4 4		61.9	69.3	73.3	74.7	74.7	75.3	75.00	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75
1			69.3	73.3	74.1	14.7		75.3	75.3	75.3		75.3	75.3	75.3	75.3	75.
3000		65.3	73.3	77.3	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	19.3	79.3	79.
		10.0	0.87	82.7	*	84.0	84.1	84.7	84.7	34.7	84.1	84.7	84.7	84.7	84.7	84.
7 2000		74.0	83.3	88.0	90.0	90.0		106	1006	90.7	90.7	90.7	90.7	90.7	90.7	90
1800		14.1	000	000	2006	.04		:.	6.16		2	•	41.3	71.3	61.6	
- 1		20 6	000	73.5	43.3	73.3	0.90	0.00	0.00	70.0	90.0	0000	9700	0000	97.0	000
V 1 V		81.3	91.9	0.96	98.0	96	98.10	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98
1		-	91.3	0.96	98.0	98.0	7.86	1.86	7.86	98.7	7.86	48.7	98.7	98.7	98.7	.86
8		82.7	92.7	97.3	66.3	99.3	100.001	100.001	100.001	100.0	100.0	100.0	100.0	100.0	100.0	100
		62.7	92.1	61.3	66.3	99.3	100.001		0.00		100	0.001	0.001	100.0	0.001	-
009		82.7	92.7	97.3	66.3	66.9	100.001	100.00			•	•	100.0	100.0	•	-
			45.7	61.3	66.3	66.3		100.001	10000	100.0	•	0.001	100.0	100.0		100
N 400		82.7	92.7	61.3	66.3	99.3	100.00	100.00	•		•	•		100.0	•	100
88		82.7	92.7	67.3	99.3	66.00	0.001	00.00	000	0000	0000	0.001	0.001	0000	000	000
			93	200	200	200	•	5	•	5	000		•		•	
80		82.7	92.7	07.0	99.3	99.3					000	000	000			
1							2		.		١	-1		• 1		

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	(S)						
(FEET)	5	41	\$ 41	1	21	≥ 2%	7 2	71	71	-	* AI	*	2 Al	2 5/16	AI	٨١
NO CEILING		32.0	34.	34.7	5	35.3	5	35.3	35.3	35.3		35.3		3		35.
≥ 20000		44.0		48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	*8
N 18000		44.0	47.	68.0		48.7	48.7	48.7				48.7		48.7	48.7	48.
7 16000		44.7	48.0	48.7	49.3	6.64	6.65	49.3	49.3	49.3	49.3	49.3	49.3	4	49.3	49.
7 14000		44.7	0.84	48.7	0	6.64	6		6	49.3	6	49.3	6	64	49.	.64
12000		43.3	48.7	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0		50.
V 10000		52.0	55.3	0.95	9		0		0	.0	56.7	56.7		56.	56.	56.
8		53.3	56.7	57.3	0	58.0	58.0	58.0	58.0	58.0		58.0	58.0	58.0		58.
1		54.7	58.0	58.7	89.3			59.3		59.3	~	59.3	59.3	2	-	59.
98		54.7	58.0	58.7	2	59.	59.3	59.3	59.3	6	59.	59.3		59.	59.	59.
1		54.7	58.0	58.7	59.3	29.	59.3	59.3	59.3	59.3	59.3	59.3		59.3	59.	59.
900		53.3	58.7	50.3	0.09	0.09		0.09	0.09	0	60.	0.09	90.0	00	-	00
1		55.3	58.7	59.3		0.00		0.09	0.09	60.0	0.09	0.09	0.09	_	•09	0.09
9		56.7	62.0	0.49	4	64.7	64.7	64.7		*	64.			. 49	64.	64.
1		61.3	67.3	70.0		10.1	7007	70.7			70.7	70.7			70.7	70.
3000		74.7	81.3	84.7	85.3	65.3	85.3	85.3	5		85.3	85.3		8	-	85.
}		78.7	86.0	E . 68	0.06	0		0.06	•	0.06	0	0.06	90.0	0	_	90.
7 2000		84.7	95.0	95.3	0	0.96	0.96	0.96		÷	0.96	0.96		96	96	96
1		84.7	95.0				0.96	0.96	0.96	96.0	0.96			96.	96.	96
1500		86.7	0.46	61.3	98.0	98.0	0.86	0.86		8	98.0	98.0	98.0		98.0	98.
1		87.3	14.7	98.0	8	78.7	1.86	48.7		98.7	98.7	48.7	98.7		.86	98.
8		87.3	95.3	98.7	66.3	66.3		6.66	99.3	99.3	99.3	88.3	99.3	99.3	99.3	66
		87.3	65.3			66.3	66.3	86.3	66.3	66.3				66		.66
8		87.3	95.3	1.86	66.3	66	100.00	100.00	100.00	100.0	100.0	100.0	100.0	-	4	100
		87.3	95.3	98.7	66.3	89.3	00.00	100.00	00.00	0.001	100.0	100.0	100.0	100.0	100	100
8		87.3	95.3	7.86	66.3	99.31		100.00	100.00	10000	100.0	100.0	100.0	10000	10000	100
		87.3	95.3	98.7		16.66	00.00	100.00		0000	100.0	100.0		-	-	100
8		87.3	95.3	98.7	66.3	99.3	0.00	100.00	•	0000	100.0	10000	100.0	<b>.</b>	100.0	100
88		87.3	95.3	93.7	66.3	99.3	0.00	00.00	0.001	0.00	100.0	100.0	100.0	0.000	100.0	100
1		2				000	0000	2		200	200	200		1.		
8		27.0	000	000	800	90	0.00	000								
							200	2	2	200		2	;	2		

TOTAL NUMBER OF OBSERVATIONS

150

SMOS DIRNAVOCEANMET

93841

SOL STRONG

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 15 mon

111

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VISIBILITY (STATUTE MILES)	25 24 23 22% 22 21% 21 2% 2% 2% 2% 29/16 2% 20	40.7 41.3 41.3 41.3 41.3 41.3 41.3 41.3 41.3	51.3 63.3 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0	61.3 63.3 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0	61.3 63.3 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0	61.3 63.3 64.0 64.0 64.0 64.0 64.0 64.0 64.0 64.0	64.0 66.0 66.7 66.7 66.7 66.7 56.7 66.7 66.7 66.7	56.7 68.7 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3	66.7 68.7 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3	69.3 71.3 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0	70.7 72.7 73.3 73.3 73.3 73.3 73.3 73.3 73	72.0 74.0 74.7 14.7 74.7 74.7 74.7 74.1 74.1 74.1	72.0 74.0 74.7 74.7 74.7 74.7 74.7 74.7 74	72.7 75.3 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0	76.0 78.7 79.3 79.3 79.3 79.3 79.3 79.3 79.3 79	78.0 60.7 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3	84.7 88.0 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3	88.7 92.0 93.3 93.3 93.3 93.3 93.3 93.3 93.3 93	90.7 94.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96	90.7 94.0 95.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96	90.7 94.7 96.7 96.7 96.7 96.7 96.7 97.3 97.3 97.3 97.3 97.3	90.7 94.7 96.7 96.7 96.7 96.7 96.7 97.3 97.3 97.3 97.3 97.3	90.7 94.7 96.7 96.7 96.7 96.7 98.0 98.0 98.0 98.7 98.7 98.7	90.7 94.7 96.7 96.7 96.7 96.7 96.7 98.0 98.0 98.0 98.7 98.7 98.7	90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.7 99.3 99.3	90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.7 99.3 99.3	90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.7 99.3 99.3 99.3	90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.7100.0100.0100.01	90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.7100.0100.0100.01	3 90.7 94.7 96.7 96.7 97.3 97.5 97.3 98.7 98.7 98.7100.0100.0100.0100	3 90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.7100.0100.0100.0100.010	3 90.7 94.7 96.7 96.7 97.3 97.3 97.3 98.7 98.7 98.700.0100.0100.	3 90.7 94.7 95.7 96.7 97.3 97.3 97.3 98.7 98.7 100.0100.0100.0100
	,	A1 C A1	1.3 41.3 41.3	3.3 64.0 64.0	3.3 64.0 64.0	3.3 64.0 64.0	3.3 64.0 64.0	6.0 66.7 66.	8.1 69.3 69.3	9.3 69.	.0 72.	.3 73.	1.4	.0 74.7 7	0.9/ 0.	9.3 79.3	0.7 81.3 81.3	8.0 89.3 89.3	3.3 93.	0.96 0.9	.0 96	7.96.7.	6.7 96.7	7.96 7.	.7 96.7	7.96 1.	1.96 1.	7.96.7	1.96 /	7.96.7	1.96 1.	7.96 1.	6 1.9	6 1 9
C   C   C   C   C   C   C   C   C   C		A1	39.3 4	58.0	58.0	58.0	58.0	1.09	63.3	63.3 6	9 0.99		68.7	68.7		71.3 7	72.7	78.7	82.0	83.3	63.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	63.3	83.3	83.3	83.3	3.3	83.3

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93841 STATION

WHITING FIELDS FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (LST.) NONTH

							7	BILITY (CT.	VISIBILITY (STATILITE MILES)	191						
CEILING (FEET)										- 1						
	2	۰ ۸۱	۶۰ ۸۱	<b>A</b> I	۳ ۸۱	1 2%	7 1	VI %	×1		¾ Al	*	Z Al	≥ 5/16	× Al	٨١
NO CEILING		36.0	39.3	0.04	40.0	0.04	0.04	0.04		40.0		0.04	0.04	40.0	0.00	40.0
> 20000		58.0	62.7	65.3	5	5	65.3	2.	65.3	3.	•	2.		3	65.3	65.3
N 18000		58.0	62.7	65.3	65.3	65.3	65.3	5		-	•	65.3	65.3	65.3	65.3	65.3
N 16000		58.0	62.7	65.3	65.3		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
14000		59.3	0.49	66.7	1.99	1.99	66.7	.0	66.7		1.99	1.99	66.7		66.7	66.7
> 12000		62.0	66.7	69.3	69.3	0	69.3	69.3	69.3	•	69.3	69.3	69.3	69.3	69.3	69.3
		63.7	74.7	77.3			78.0	78.0			78.0	78.0	78.0		78.0	78.0
0006		70.0	76.0	78.7	19.3	19.3	79.3				79.3	6	79.3	6	79.3	79.3
1		71.3	78.0	81.3		42.0	2.	2.		2.		85.0	82.0		82.0	82.0
7000		72.0	79.3	82.7		3				3	•	3			-	83.3
1		72.7	80.0	63.3	4			*		4						84.0
2000		73.3	80.7	0.48	64.7	84.7	84.7	84.7	84.7	4	84.7	84.7	84.7		84.7	84.7
1		73.3	50.7	4			3	3		3		4	34.7		84.7	84.7
0004		74.0	81.3	84.7	86.0	9	86.7			3	•		86.7		86.7	86.7
1		75.3	82.7	86.0	87.3		8	8		8		8	88.0		88.0	88.0
3000		78.0	85.3	88.7	7.06	91.3	91.3	61.3	61.3	-	6116		91.3	91.3	91.3	91.3
		79.3	86.7	0						3			93.3			93.3
2000		80.0	88.0	61.3		*	6.56	5	95.3	10	0.96		0.96		0.96	0.96
		80.0	88.0	61.3		0.46	3	0	95.3	30	0.96		0.96			0.96
> 1500		80.7	88.7	92.0	0.46	•	0.96	0.96		•	1.96		1006		1.96	7.96
		80.7	88.7	2					0.96	0.96	0	1.96	1.96	46.7	1.96	96.7
0001 <1		61.3	0.06	63.3	5	0.96	8	8			66.3	•	66.3		66.3	99.3
		•	0.06	63.3	699.3		0.86			8	66.3	66.3	66.3	86.3	66.3	99.3
008		81.3	0.06	93.3		9				00	66.3	6.66	99.3	66.3	86.3	99.3
		81.3	0.06	63.3	6.56			•		000	66.3	66.3	66.3	66.3	66.3	99.3
9		81.3	0.06	63.3	6.56		0.86	0.86	0.86	98.7	66.3	86.3	66.66	•	88.3	99.3
		61.3	0.06	63.3	62.3			1.86		6	00.00	00.00	00.00	0	00.00	0000
400		•	0.06	83.3	62.3	0.96	8	98.7	98.7		00.00	00.00	00.00	100.001	0000	0000
			•	63.3	65.3	0	8	7.86	48.7	6	00.00	00.00	00.00	0	0000	0000
200		81.3	•	63.3	62.3	0.96	0.86	48.7	18.4	6	00.00	00.00	00.00	0	00.00	0000
8				93.3	62.3	ò	0.86	1.86		66.3	00.00	00.00	0.00	00.00	0000	0000
0		51.3	30.0	63.3	95.3	26.0	0.86	1.96	98.7	99.3	00.00	00.00	00.00	00.00	000	00.00

TOTAL NUMBER OF OBSERVATIONS

150

8811

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

MHITING FIELD, FLURIDA

SUN MANAGE

Ĩ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21

CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	<b>9</b>	37	1	٨١	> 2%	~ AI	W 78	71	- AI	% AI	*	Z AI	2 5/16	AI	٨١
NO CEILING		52.0	58.0	0.09	62.7	62.1	62.7	62.7	62.7	62.7	2.	62.7	62.7	62.7	62.7	62.7
N 20000		66.7	72.7	75.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
V 18000		66.7	72.7	78.3	81.3	61.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
× 16000		66.7	72.7	75.3	81.3	81.3	81.3	81.3	81.3	-	81.3	81.3	81.3	61.3	81.3	81.3
> 14000		66.7	72.7	75.3	81.3	61.3	81.3	81.3		81.3	81.3	81.3	81.3	81.3	81.3	81.3
2 12000		66.7	72.7	75.3	81.3	81.3	81.3	81.3	-	81.3	81.3	81.3	81.3	81.3	81.3	81.3
N 10000		68.0	75.3	78.0	84.0	24.7	84.7	84.7	_	84.7	84.1	84.7	84.7	84.7	84.7	84.7
000		68.0	75.3	78.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
		71.3	78.7	81.3	87.3	88.0	88.0	98.0	98.0	88.0	98.0	88.0	88.0	88.0	88.0	88.0
7000		72.0	79.3	82.0	88.0	68.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
i		72.7	80.0	82.7	88.7	89.3	89.3		0			89.3	6	89.3	6	89.3
0005		73.3	80.7	83.3	89.3	0.06	0	90.0	90.0	0.06	0.06	0.06	0	0.06	0.06	90.0
		74.0	6119	84.7	1.06									91.3		
0004		74.7	82.7	86.0	95.0	92.7	. 2	92.7	2	92.7	92.7	92.7	2	92.7	2	92.7
1		14.7	83.3	86.7	92.7	93.3	93.3	93.3		93.3	93.3	63.3		93.3	93.3	93.3
3000		76.0	84.7	88.0	0.46	24.7	*	4.7	1.56	4.7	24.7		*	94.7	7.46	94.7
1		76.0	85.3	89.3	65.3		0.96				0.96	0.96	0.96			
7 2000		78.0	87.3	61.3	61.3	98.0	98.0	0.86	8		98.0	0.86		8	98.0	
		78.0	87.3	91.3	61.3		98.0	0.86	3	98.0		98.0		98.0		
1500		78.0	98.0	92.0	0.86	7.86		38.7		866	66.3	86.3	66.3	86.3	86.66	99.3
1		78.0	98.0	92.0	98.0	7.86	98.7	98.7	98.7	86.3	66.3	86.3	5	666	66.3	99.3
000		78.0	•	92.0	0.86	98.7	7.86	98.7	7.86	86.66	66.6	86.3	6	86.3	66.66	99.3
		78.0	88.0	0.26		98.7		48.7		66.3	66.3	66.3	6		66.3	89.3
8		78.0	88.0	92.0	0.86	98.7	98.7	98.7	48.7	99.3	66.3	66.3		86.3	66.6	66.3
		78.0	88.0	92.0	0.86	98.7	98.7	98.7	98.7	66.3	66.3	88.3	66.3	66.3	99.3	99.3
9		78.0	88.0	92.0	0.86	98.7	7.86	98.7	7.86	66.3	66.3	99.3	66.3	866	99.3	99.3
		78.0	88.0	92.0	0.86	98.	98.7	98.7	48.7	66.3	66.3	66.66	66.3	60.06	66.3	99.3
8		78.0	88.0	92.0	0.86	98.7	7.86	98.7	98.7	86.3	6.66	86.3	100.00	10000	100.001	0000
1		78.0	0.88	0.26		186	1.86	98.7		66.3	66.3	66.3	0.001	100.0		0000
8 1 1		78.0	88.0	92.0		7.86	7.86	98.7	98.7	66.3	66.3	99.3	100.0	100.00	10000	0.001
1		78.0	38.0	0.26		186	1.86	1.86		66.3		666	0.001	10000	0.001	0000
١٨١		78.0	0.88	0.26	0.86	98.7	7.86	48.7	48.7	66.3	66.3	86.66	100.0	100.00	0000	00.00

TOTAL NUMBER OF OBSERVATIONS

150

SMOS DIRNAVOCEANMET

93841

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

93841

16485

NON

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES	<b>ES</b> )						
(HEE)	2	9 11	\$ 41	4	6 41	2 2%	2 4	VI VI	¥1 Y	-	¾ Al	* Ai	2 11	≥ 5/16	AI	0 11
NO CEILING				-	5	5	6.	6		9			:		56.7	56.8
> 20000		54.8	65.9		70.1		71.0	71.3	71.3	71.6	711.7	711.7	711.7			71.9
V 18000			2	7.	0	0	-	:					:	-	71.8	71.9
16000		54.8	•		0	70.5		:	•	711.7				•		
> 14000			63.4		0			71.6			3.					72.4
12000		56.2		6.89		71.9	72.5	3			73.2					
			6.89	3			-		80	8	8					
0006		60.09		*	-				8	0	6				6	
1		62.2	71.2	76.3	79.5		80.4	80.8	80.8		81.3	81.3		81.3	81.4	81.6
000			71.8		6		-		:	-	-				3	
1					0		-		-	2	2					
0005		63.3	72.4			-	81.7		2	2	•				85.8	
1		63.6			0		2.		2.	2			83.1			83.3
900		64.3			2	N	83.7			;			84.7		;	
1		65.2		90.08		64.3			5			85.9				86.3
3000		68.7			-	*	6		6	0	0		0		0	
1		70.5	80.8			ċ	-	1.26	2	3	2	6.26	2		3	
7 2000		72.6			5	3	*		*	3	5		3		3	
		72.7	3			3	*		4	5			5		3	
150		73.7		8.06		*	95.8	6.3	86.3	0	7.	97.0	1.16		-	97.3
		74.2	2			5	0						9.16			
100		74.4	5			10			-	-	8		00	•		
		14.4	3	91.6		2	0	61.3	-				68.3			
8			5			9	4.16		7	8	8		0.66			
		14.9	9	92.3		9	61.2	0.86				6.86				
8		74.9	9	2	3	. 9	91.6	98.1		8	0.66	0.66	3.66			4.66
		14.9			3		97.6		8	00	1.66	1.66	-			9.66
8		14.9				.0	1:	6.86	8	60	2.66	2.66		66.5	99.66	8.66
			9					6.86	8	6		66.3	9.66		46.1	
200		14.9	1.98	•	5	9.96	8.46			0.66	86.3				•	
8		14.9	. 9	95.4	62.6	9.96	•	98.3	98.3	6	66.3	66.3	9.66	9.66	99.81	0.00
		14.9		2	2	0	97.8			6		•		6	•	•

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

T S 1) SENON 100 -00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

91.6 91.6 9116 94.2 95.5 95.5 9116 92.2 94.2 94.2 94.2 94.2 94.2 4016 98.7100.0100.0100.0100.0 98.1 98.1 98.7100.0100.0100.0100.0 94.2 98.1 98. ٨١ 95.5 4.16 24.5 91.6 9106 9100 34.2 2.46 34.5 24.5 2006 95.5 4016 4.16 1.86 916 92.2 2.46 34.2 8.46 4016 2.46 98.1 × 1 4.16 95.5 4.16 4.16 4.16 91.6 91.6 2.46 2.46 8 . 46 9116 91.6 94.2 94.2 34.2 94.2 95.5 40.16 98.1 34.2 95.5 98.1 92.2 94.2 94.2 2 5/16 4.76 9116 95.5 4.16 3.46 95.5 95.5 4.16 92.2 2.46 2.46 2.46 96.1 2.46 34.5 2.46 2.56 8.46 4.16 4.16 9116 9116 98.1 98.1 2 Al 4.16 91.6 9116 95.5 98.1 4.16 4.16 91.6 92.2 2.46 2.46 2.46 95.5 4.16 4.16 97.4 98.1 8.76 98.1 94.2 95.5 98.7 94.2 34.2 94.2 24.2 94.2 AI 91.6 95.5 4.16 7.46 95.5 4.16 91.6 7.96 91.6 9116 9116 92.2 2.46 3.46 8.46 4.16 7.16 1.57 95.5 4.16 1.86 2.46 34.5 2.46 1.86 96.1 34.2 3.46 98.1 7.86 98.7 % Al 95.5 4.16 4.16 90.16 6.06 91.6 97.4 4.16 95.5 98.1 92.2 34.5 8.76 95.5 94.2 2.46 94.2 94.2 98.1 98.1 94.2 94.2 2.76 98.7 2.56 \_ ^I VISIBILITY (STATUTE MILES) 4.16 4.16 4.16 4.16 4.16 4.16 6.06 91.6 8.46 8.46 8.96 90.06 8.96 8.96 6.06 93.5 93.5 93.5 93.5 93.5 8.96 9.96 93.5 93.5 93.5 94.2 93.5 96.8 6.06 ½ ∧! 4.16 4.16 4.16 6.06 6.06 93.5 8.96 96.8 96.8 96.8 91.6 93.5 43.5 93.5 93.5 8.46 94.8 96.8 96.8 93.5 34.5 93.5 8.46 93.5 93.5 71 3.5 96.96 4.16 6.06 6.06 92.9 92.9 93.5 93.5 93.5 92.9 92.9 93.5 94.8 4.16 4.16 6.06 34.5 96.9 4.26 9.16 93.5 93.5 94.8 8.96 8.96 96.8 6.06 96.8 4.46 92.9 93.5 92.9 93.5 8.96 7 92.9 92.9 92.9 90.3 90.3 6.26 6.06 6.06 8.96 90.8 8.96 8006 80.3 93.5 34.5 2.46 8.96 92.9 92.9 34.6 96.1 96.1 8.96 96.8 1.96 1.96 1.96 1.96 1 2% 6.76 93.5 8.96 6.76 6.26 80.3 65.6 34.5 8.96 90.3 90.3 90.3 94.2 1.96 96.8 96.8 9.96 94.2 96.1 96.1 96.1 96.1 96.1 ٨١ 89.6 91.6 91.6 91.6 0.68 90.3 91.6 0.68 0.68 86.4 0.68 86.4 86.4 87.0 0.68 0.68 0.68 0.68 6006 80.3 9116 91.6 92.2 0.68 92.2 92.2 92.2 1 7.61 79.2 6.61 6.61 6.64 81.2 8.18 6.49 31.8 77.3 6.11 7.61 81.2 81.8 7.61 79.5 6.61 81.2 81.2 78.5 7.61 77.3 77.3 77.3 79.5 81.2 81.2 79.2 N Al 63.0 63.0 63.0 63.0 63.0 63.0 0.69 63.0 63.0 63.0 63.0 93.0 6.99 64.3 6.40 6.49 6.40 6.99 65.3 63.0 64.3 64.3 6.40 64.3 64.3 ۸۱ 9 AI NO CEILING (FEET) VI VI 00091 00091 12000 2000 500 80 2000 4500 3800 88 88 88 × 20000 8 0 0 0 0 0 98 88 11 11 AI AI

TOTAL NUMBER OF OBSERVATIONS

154

1988

93841 874 TION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841

73-77

03 100

200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEET)				-							ala					
	2	۰ ۱۸	<b>\$</b>	4	e Al	Y 2%	7	V 1%	¥1 ¥1	- AI	% Al	*	Z Al	2 5/16	AI	٨١
CEILING		4	2		0	2.	3	9.41	4	5	2	3		9		16.
20000		45.6	64.5	19.4	84.5	86.5		89.7	6	800.3	0	0	-	91.0	:	91.
9			64.5			66.5		89.7		0	0	90.3	-:		:	91.
00091		45.6	64.5	19.4	;		6	1.68		90.3	0		:	91.0	-	91.
0			65.2		5	87.1	0	600		-	-	-	1		91.	91.
12000		•	65.2	80.0	85.2	87.1		90.3			-	91.0	-	91.6	91.	91.
-			67.7	82.6	-		2				3	3		*	94.	96
900		45.2	67.7	82.6	87.7	89.7	92.9	6.26	6.26	93.6	93.6	93.6	94.2	4	0	94
-			4.89		1		3			3	4	;			94.	16
2000		45.8	4.89	83.2	88.4	90.3		93.6			;	;	*	;	94.	
-		3	4.89		8		3			4	:		4.		94.	96
2000		45.8	4.89	83.2	8	0	3			3	*	;	;	;	94.	_
-		3.	4.89		3		3	3		*	3		4	*	94.	76
900		45.8	4.89	3	8	90.3	3							4	94.	
-		9	0.69		5	-	3			*	4	3	5	5	95.	-
3000		46.5	0.69	83.9	0	91.0	3	3				8.46	2		95.	0
-		6.	0.69		5	-	3				;		2	5	95.	95
2000		46.5	0.69	83.9			4			3	;	8.96	3	5	.56	95
+			0.69	50	6	-	3	34.2			*		5	5	95.	-
900		47.1	69.7	84.5	1.68		3				5	3		1.96		
-		47.1	69.7		89.7	-	4					3	0	1.96	96.1	96
00		47.1	69.7	*	89.7			•			3	95.5		96.1		8
-		47.1	69.7		1.68	-	*	9. 96				3	9	96.1	96.1	96
008		47.1	1.69	*	8006	2		96.1	96.1	.9	;		-	97.4		97
-		47.1	69.7				0	1.96				9	4.16	97.4	97.4	6
8		47.1	69.7		90.3			1.96			•	8.96		97.4	97.4	97
-		47.7	70.3	85.2		50	96.8	96.6	8.06	4.66	4.16		1.86	98.1	8	86
8		47.7	70.3		0.16	93.6		96.8		97.4		97.4		98.1	98.1	98
-		47.7	70.3				8	98.1	98.1		48.7		4.66	4.66	466	66
300		47.7	70.3	·	-	34.5	98.1	98.1	1.86	98.7				0.001	100	100
8		47.7		85.2	9116	•		98.1	1.86	98.7	1.86	98.71	0000	0	00	
-		47.7		8	:	34.2				1000		8.7	00	0	0	100

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100

90

CEILING							2		VISIBILITY (STATUTE MILES)	í:						
(FEET)	5	o Al	8	41	e Al	> 2%	7	¥1 Y1	¥1 Y	-	* Al	*	Z AI	Y 5/16	M Al	AI
NO CEILING		16.1	1:	40.7	6	-	80	6	6	-	2.		2	2.		63.2
¥ 20000		20.7	34.8	47.7	0.09	62.6	70.3	72.3	72.3	75.5	76.8	76.8	76.8	76.8	76.8	77.4
		20.7	:		0		0	7	2	3	•		0			77.4
16000		20.7	:		0	2		2.	3	5	•					77.4
> 14000			36.1	6	-	*	2.		*	-	8			00		79.4
7 12000		21.3	8	52.3	4				9	0	-		-	-		82.6
			:	0	00		8		0	4	•		-			87.
900		23.9	41.9	56.8	6		6		-	8	-		8	8		89.0
1			3	00	-		1:	3.	3		5		6	0		91.0
141		25.2		0.09	2.		2	84.5	*		-	91.0	-	-		92.3
1			:	0	2	4.	2.	3	5	6	-		:	1		.76
2000		25.2	;	0.09		74.8	2	84.5	*	0	-	91.0	-			92.3
1			44.3	0	7	*	2.	3	*	6	1:		1:	-		
900				0.09	2.	*	2		*	6	:		-	-		92.3
1			44.5		2.		2	3			:		:	-		
3000			2		2	•	3.		5	0	:		2.	•	•	
			5		4 .			86.5	0	-	2		3	3		
3000		26.5	2	-	*	•	5		-	-	3		;	;		
			5		4.		5			-	3		4			94.
1200		26.5	45.8		. 4			87.1			3			*		94.
			2		4		30		-	-	3		*			94.
100		26.5	3	-		78.1	5		7	2	;		*		•	95.
			5	-	4		5	88.4		2	:		2	2		96.
80		26.5	2	61.9	*	•	3		8	2			5	5		96.1
			45.8		5	1.8.1	3		8			8.96	3.	5		96.1
8		26.5	3	•	S	•				3.	š		;	•		
		50.97	45.8	62.6	75.5	18.	9	89.0	0.68	93.6	2	95.5				96.
400			2		;	6	-		6	;	;		•	•		
			2		0	4.61	-	89.7		*	.0					98.
38		26.5	2	•	•	•	-		6	*	;	•	-	-	4.16	98.
8		26.5	2	63.2		4.6/	87.1	89.7	6					98.1	98.1	98.1

0

TOTAL NUMBER OF OBSERVATIONS

155

1000

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841 STATION

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

60 100

111

CEILING							VISI	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	۰ ۸۱	\$ 11	1	21	2 2%	AI	VI 7/2	71 21	-	71	*	Z AI	2 5/16	AI 3	٨١
NO CEILING		38.1	8		2.				4.	4				54.2	5402	54.2
¥ 20000		47.1		63.9				65.8	3		5			5	65.8	3
		47.1		63.9	64.5		65.8	65.8	65.8	65.8	65.8	65.8	65.8			65.8
N 16000		47.1	6	64.5		65.2		60.9		•		66.5			66.5	66.5
> 14000		47.7	0	65.2	3	65.8	-			-		67.1		67.1		67.1
12000		50.3		68.4		0.69	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
		55.5						76.1	0			76.1	76.1	76.1		76.1
000		56.1	69	75.5	1.94	76.1	77.4	77.4	77.4	77.4		77.4	77.4	77.4	77.	77.4
1		56.8	70	26.8	77.4	17.4		78.7		78.7	78.7	78.7		78.7	78.7	78.
7000		56.8	-	76.8	77.4	77.4	78.7	78.7	78.7		78.7	78.7	78.7		78.7	78.
1		55.8	10.	76.8	77.4	7.4	0	6	0		19.	19.4			-	19.6
2005		55.8	-	77.4	78.1	78.1		80.0	80.0		80.	80.0	80.0	80.0	80.	80.
		96.B	7	71.4	78.1			0.08			80.0	80.0	80.0	0	80.	80.
1 1		56.8	-	78.1	78.7	78.7	80.7	80.7	80.7	80.7	80.	80.7		.0		80.
1		56.8	=	78.1	78.1			80.7	80.7		000	80.7	80.7	•	80.7	80.
300		61.3	-	82.0	83.9	63.0		85.8			8	85.8	85.8	85.8	85.8	85.8
1		62.6	76.			85.8		87.7		-	87.	87.7	87.7	-	87.7	87.
2000		63.9		85.8	87.7	-	6			0		90.3	80.3	90.3	06	90
		64.5	30	86.5	4.88	4.83	90.3	90.3	80.3	•	.16	0116	91.0	:	6	91.
1200		65.8		87.7	6	6.06		92.3		è	93.	93.6	93.6	93.6	93.6	93.0
		66.5		88.4	•	91.0				93.6	. 56	34.5	2.46	4	. 46	. 76
00		67.1		91.0	2		95.5		5	96.1	•		96.8	9	96	96
1		67.1		91.0	65.6	93.6	95.5	65.5	2	96.1	96.8	8.96	8.96		;	
80		67.1		91.0	2	3			95.5	96.1	•	96.8	96.8	9	96.8	96
1		67.1	3	91.0	2		95.5	65.5	95.5	96.1	.0	8.96	90.8	9	96.8	.96
9		67.1	3	91.0	2	50		65.5		1.96	96.8	96.8	96.8	96.8	96.8	
		67.7		65.3	*	95.5		31.4		98.1	98.7	98.7	98.7	7.85	48.7	.86
8		67.7	3	92.3		5	4.16	4.16	97.4	98.1	7.86	48.7	98.7	98.7	98.7	98.
1		67.7	83.9	92.3	. 4	•	4.6	4.16			98.7		•			98.
700		68.4	84.5	92.5		1.96		1.96	98.1	98.7	6	40.66	0	100	100	100
80		4 4	\$ 60 \$ 60 \$ 50 \$ 50	92.0	95.5	96.1	98.1	98.	98.1	0 8 . 7	4.66	4.66	00000	00000	0.000	000
1		1	1	١							1		1		1	

0

0

0

0

0

TOTAL NUMBER OF OBSERVATIONS

155

40.00

DIRNAVOCEANMET

SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

12 HOURS (1 5 T.) JUL HONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SNI							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	2	۸۱	\$ AI	4	e Al	Y 2%	~ Al	VI %1	¥1 Y1	-	% Al	*	N N	≥ 5/16	N AI	٨١
NO CEILING		25.2	29.0	29.7	31.0	31.6	31.6	31.6	31.6	1		-	-	-	31.6	31.6
> 20000		33.6		0.04	41.3	41.9	41.9	45.6	45.6	•	45.0	45.6	45.6	3	45.6	45.6
V 18000		34.2	•	40.7	41.9		5	43.2		3.	3	3		43.2	4	43.2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		34.2	39.4	40.7	6.14	45.6	42.6	43.2	43.2	43.2	43.2		43.2	43.2	4	43.2
7 14000		34.2		40.	41.9				43.2	1		43.2	43.2	1000	43.2	43.2
12000		38.1		44.5	45.8	•	46.5	47.1	47.1	47.1	47.1		47.1	-	47.1	47.1
		45.6			51.0	51.0	-	2.	~	2.				2.	2.	
000			48.4	1.65	51.0		51.0		~	52.3	52.3	52.3		52.3	52.3	52.3
1		45.2				5	5	0	0	.0	0			9	0	56.1
1 1		45.2		53.6	54.8	5	5		50.1	56.1	56.1		50.1	56.1	•	56.1
1		45.2					5	0	9	.0	0		0	9	9	56.1
2000		45.2		53.6	54.8	5	3	•		56.1	56.1				56.1	56.1
		45.8		*	5		9	0	0	9				9		56.8
1 1		47.1	56.1	57.4	58.7		59.4	0.09			0	0.09	0.09	60.09	0.09	0.09
1		51.0				64.5	4	2	0	5				2		65.2
3000		65.2			83.9	*	84.5	5	85.2	85.2	85.2		5	2	85.2	85.2
1		69.1		88.4		-		2.	2	~			2.	2		92.3
1 2000		71.6			2			*	•	*	*			*		8.46
1		11.6			2		93.6	4		4			4	4		94.8
1500				91.0		2. 46	3.46		8.46	*	*		95.5	5	95.5	95.5
1		72.3			3			4	8.46	4	8.96		2	95.8		
1000		72.9		91.6	2.46	4	.9	96.8		8.96	96.8			97.4	97.4	97.4
		72.9	0	-	4	8.46	1.96	0	8.96			8.96		97.4	4.16	97.4
8		72.9	•	91.6	04.5	*	1.96			9	96.8		4.16	97.4	97.4	97.4
		72.9	0		4	8. 96	1.06	0	8.96	ċ	8.96	8.96		97.4		4.16
1 1 1		72.9	.9		34.5	.7	96.1		9				4.16	97.4	97.4	97.4
		72.9	9		2.46	34.8	1.96			9	•	.0		97.4	4016	4.16
1 1 1		72.9	.9	91.6	2.46	. 4	96.1						4.16	97.4	97.4	97.4
		72.9	0		8.46	5.54	4.16	1.86	98.1	98.1	1.86	98.1	98.7		4.66	4.66
90 1A1		72.9	86.5		4			98.7		7.86		98.7	4.66	4.66	100001	
		6	36.5		8.46	95.5	4.16	196	18.1	00	1.86	. 8			0.001	0000
٨١		72.9		92.3			4.16		98.7				4.66	40.66	100.0	0000

0

TOTAL NUMBER OF OBSERVATIONS

155

JUL HOME

**CEILING VERSUS VISIBILITY** 

E

15 HOURS (1 S T )

YEARS U U

	-	Ž	
		PERCENTAGE FREQUENCY OF OCCURREN	(FROM HOURLY OBSERVATIONS)
1		Ö	ERV.
73-77		ζ	OBSI
	1	UE	7
		FREG	HOUR
		AGE	- W
		ENT	FR
JR I DA		ZERC	
-	=	-	

	O Al	25.8				49.7			58.7	61.3	619	6119	63.2	63.9	66.5	72.3	89.0	91.6	96.1	96.1	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.7	98.7	4.66	0.001	0001	000
	× ×			•	49.0		51.0	58.7		-	619			63.9				91.6	;	•				98.1	8	98.1	98.1	98.7	98.7	4.66	4.66	4.66	40.4
	≥ 5/16	25.8		6	6	6	-		58.7	-	-	-	8	3		2	6	91.6	9	1.96	97.4	-		98.1	98.1	98.1			98.7			•	40.66
	ج ۱۸		48.4		49.0			58.7		61.3	61.9	•		63.6		12.3		91.6		1.96	4.16	4.16	1.86	1.86	1.86	98.1	98.1	98.7	7.86			4.66	***
	*	•				6	-	8	58.7	-	-	-	3	63.6	•	2.	6	-		1.96		4.16	1.86	1.86	98.1	1.86	1.86	98.7	98.7		4.66	4.66	ナ・イイ
	% Al		8	•	0.64				58.7	-	:		3	63.9		2		91.6	1.9	1.96	1.4	4.1	-	1.86		3.	7.	2.0	. 1	4.6	4.66	4.66	す・ハウ
ES)	Ā	5.	•		6	6	-	8	58.7	-	-	-			•	2	6	-	9		-		•	98.1		98.1						4.66	
VISIBILITY (STATUTE MILES)	VI %			•	0.64			8	58.7		61.9	•			•					96.1		8.96	4.16	4.16	4.16			98.1		1.86		7.86	
BILITY (ST.	VI %1	5	*	6	6	0	-	00	58.7	-	61.9	-			•	2.	89.0	91.6	9			96.8	7				-	98.1		1.86		98.7	
VISI	AI	5.	48.4		0.65	49.7	51.0	58.7	58.7	-	61.9	-		63.9		72.3				1.96	96.8			4.26	4.26	4.6	4.26	98.1		98.7		98.7	18.
	2 2%	25.8	100		0	0	-	2	58.7		-		153		•	2		-	5	95.5						96.8	.0	-	97.4	-	4.16	-	3 . / 5
	۸I	Š		6	49.0		51.0		58.7		61.9		3	63.9			88.4	91.0	3	95.5	9	1.96	8.96	8.96	8.96	9	96.8	4.16	97.4	4.16	4.16	-	3.
	4	5		6	49.0	49.7	51.0		57.4	6	0.09	0	0	61.3	3.		83.2	85.8	0	89.7	0	C	0.16		,	91.0	-	91.6	91.6	•	91.6	91.6	0.16
	S) Al	25.	4	48.	48	49	50.	56.		8	20	58.	88	09	60	65	78.	8	84.	84.	5	85	33	5	•	5		9	•		•	86.5	•
	۰ ۸۱	21.9	40.0	40.7	40.7	41.3	41.9	47.1	47.1	47.7	48.4	4.84	48.4	0.65	0.64	52.3	61.9	63.9	65.8	65.8	6000	66.3	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	01.1
	5																																
CEILING	(FEET)	O CEILING	N 2000	× 18000	2 16000	> 14000	¥ 12000		0006		7000	1	2000	1	400		3000		7 2000		300		000		8		8		84		70	8	

TOTAL NUMBER OF OBSERVATIONS

155

SOWS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING PIELD, FLURIDA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18

100

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	5	Ø Al	8 41	4	21	Y 2%	2	%? AI	VI Z	ĀI	× Al	* 11	Z AI	2 5/16	AI	AI
NO CEILING		20.7	53.6	24.5	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.62	25.2	25.2	25.5
V 18000		47.1			59.4	1.09	0		0	0	1.09			60.7	0	-
14000		47.1		58.7	6	60.7	0	60.7	0		1.09	60.7	1.09	60.7	0	60.7
> 14000		47.1		59.4			61.3	61.3	-			6119			:	9
12000		49.0	•	63.6	64.5	65.8	65.8		30	65.8	65.8	65.8		65.8	3	65.6
		56.1		72.9		13.5	9			76.1		1601		76.1	9	
000		56.1	67.7	72.9	73.6	HE.	•	76.1	9	76.1	9	76.1		76.1	•	76.1
1		58.1	71.0	17.4	78.1		80.7	81.3	-	81.3					81.3	00
7000		20.4	72.3	19.4		95.0	3		3	83.9		83.9	3		3	
1		29.4	•					83.9	83.9		83.9	83.9	3		83.9	
2000		0.09	72.9		-		3.		;		;	84.5		;	;	84.5
1		0.09	•	80.0	81.3	83.2	3.	84.5	84.5	3	84.5	84.5	*	84.5	84.5	00
4000		61.3	•		5		85.2	3	3	è		85.8	2	3		•
1		61.9				85.00	0	87.1	-	-		:	-			œ
3000		63.9	•		-	6	91.0	=	-		•	-	:	-		_
		63.9	_	86.5		6.06	2	65.6	2	92.9		65.6	7			0
7000		63.9		87.1			3	;	3		•	;	;	*		0
		63.9		87.1		91.6	93.0	*	3	3		4	*	94.2		6
1800		65.8	90.0	0.68	5		•	96.8	•	96.8	•	8.96	. 9	•		0
		55.8	80.7	89.7			.0	-	-	-		91.4	-	97.4		
8		8.59	80.7		6.26	94.8		97.4			4.16	97.4	-	97.4	97.4	0
		6.99	81.3	00	3	95.5	:	98.1	8	98.1		98.1	8	98.1		0
8		66.5	81.3	90.3			4.16	98.1	*		98.1	98.1	*	98.1	98.1	98.1
		67.1	81.9		34.2	1.96		98.7	98.7		48.7	8		98.7	98.7	98.7
8		67.1	:	016			98.1	48.7	8	98.7	7.86	28.1	8	98.7	98.7	98.7
		67.1	81.9	91.6			98.7		9.66		4.66		6	4.66	4.66	99.4
8		67.1	:	91.6	*	8.96	98.7	4.66				4.66		4.66		99.4
		67.1	6.18	-	62.5	4.16	3	0			0	0.00	00	0	100.0	100
78		67.1	:	65.3	95.5	4.16	6	00		0	0	0	00	100.0		100.0
8		07.1	6.18	6.26	62.5	37.4	15.66	0	0.00	ċ	0.00	0	100.00	00001		100
		57.1	61.9	92.3	62.5	4. 6	•	00.00		10000		0	9	00001	100.0	1000

TOTAL NUMBER OF OBSERVATIONS

155

93841

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 1

200

EILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(\$:						
(FEET)	V 70	<b>9</b>	N Al	4	E AI	2 2%	7 1	¥2 ¥2	71	Ã	*	* 11	Z.	≥ 5/16	AI N	0 1
CEILING		36.1	47.1	51.6	\$2.9	52.9	53.6	54.2	54.2	54.2	54.2	2005	54.2	54.2	54.2	54.2
20000		53.6		75.5	77.4	77.4	78.7	19.4	79.4	79.4	4.64	19.4	79.4	19.4	19.4	19.4
18000			4.89	78.5	77.4	77.4	78.7	70.4	4.61	19.4	79.4	4.61	19.4	79.4	19.4	79.4
16000		53.6	68.4	75.5	77.4	77.4	78.7	79.4	79.4	79.4	79.4	19.4	19.4	79.4	19.4	79.4
14000			68.4	75.5	77.4	7.4	78.7	30.66	4.61	79.4	19.4	19.4	4.6	19.4	19.4	79.4
12000		54.8	69.7	76.8	78.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	60.7	80.7	80.7
10000		59.4	76.1	84.5	86.5	9		98.4	88.4	88.4	88.4	88.4	88.4			88.4
900			1.91	84.5	86.5	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	86.4
9000			19.4	87.7	89.7	89.7	-	91.6	91.6	9116	91.6	9116	9116	91.6	916	91.6
200		2	80.0	89.0	91.0	91.0	92.3	6.26	•	6.76	6.26	92.9	6.76	92.9		92.9
9007		2	80.0	0.68		91.0	2	93.6	93.6		93.6	93.6	93.6	93.6	93.6	93.6
2000		63.2	80.7	89.7		91.6	92.9	94.2		2.76	34.5	2.46	2.46	34.2	84.2	94.2
7500		63.2	50.7	89.7			2			*	*	2.46				94.2
0004			81.3	90.3	92.3	92.3	93.6	8.46		8.76	;	8.46		8.46	8.46	8.46
3500			81.9	91.0	92.9	92.9	34.2	95.5	95.5	65.5	95.5	95.5	95.5	95.5	95.5	95.5
3000		65.2	82.6	91.6	93.6	93.6	*	1.96			96.1	1.96		1.96	96.1	1.96
2500				92.3	2.76	34.2	95.5	8.96	96.8	8.96	8.96	8.96	96.8		96.8	96.8
2000		65.8	83.2	65.6	8.46	94.8	96.1	4.76	97.4	97.4	4.16	4.16		97.4	97.4	97.4
1800		65.8	83.2	92.9	8.56	94.8	1.96	97.4	4.16	4.16	4.16	97.4		4.16	4.16	4.16
1500		66.5	83.9	93.6	95.5	95.5		1.96	98.1	98.1	98.1	98.1		98.1	98.1	98.1
1200		66.8	63.9	93.6	95.5	95.5	3.96	98.1	1.86	1.86	98.1		98.1		98.1	98.1
000		66.5	83.9	93.6	1.96	96.1		1.86	1.86	1.86	7.86	7.86		7.86	7.86	98.7
006		60.9	83.9	93.6	1.96	1096	4.76	48.7	48.7	98.7	1.86	98.7	48.7		18.1	48.7
00		66.5	83.9	93.6	1.96	96.1	4.26	7.86	28.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		56.5	83.9	93.6	1.96	1.96	97.4	1.86		48.7	98.7	48.7	98.7	98.7	186	98.7
8		66.5	83.9	93.6	1.96	96.1	4.16	98.7	1.86	7.86	1.86	98.7	98.7	98.7	98.7	98.7
900		66.5	83.9	93.6	1.96	1.96	4.6	98.7		48.7	7.86	98.7	98.7	98.7	7.86	98.7
8		66.5	83.9	93.6	1.96	96.1	98.1	4.66	4.66	4.66	4.66	4.66	4.66	4.66	99.4	4.66
300		66.5	83.9	93.6	1.96	96.1	98.1	7.66	4.66	7.66	4.66	4.66	4.66	4.66	4.66	30.66
8		66.3	83.9	93.6	1.96	96.1	98.1	4.66	4.66	0000	0.00	10000	0.001	100.0	10000	00001
8		06.5	83.9	93.6	1.96	1.96	98.1	3.66	99.4	0000	0.00		0.001	100.0	100.0	100.0
•		69.5	83.9	93.6	1.96	96.1	98.1	4.66	99.4	0.00	0.00	100.00	0000	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

001

DIRNAVOCEANMET

0

SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (1 S T.) JUL 10

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$3						
(FEET)	۸۱ 5	41	8	1	21	≥ 2%	7 1	٧١ ٧	¥1 Y	-	* 11	*	AI N	≥ 5/16	AI	٨١
NO CEILING		30.1	39.7	45.0		6.17	4.64	6		0		1.05	0	0		
≥ 20000		43.3	2	62.5	65.7	6.99	68.3	68.7	68.7	69.3	4.69	4.69	69.5		69.5	69.6
		43.5	2	2.			8			6		9.69		1.69		69.7
16000		43.5	ŝ	2	62.6	9	68.5			6		69.7	69.7		69.7	69.8
7 14000		43.8	9				0			ò		70.2		0		10.4
> 12000		45.2	58.4	65.5	68.7		71.3	711.7	71.7		72.5	72.5	72.6	2	72.6	72.6
		49.1		0						00	8	78.2			8	78.5
0006		49.2		71.0	74.4	10	77.2	77.6	77.6	78.3	•	78.5	78.7	78.7	78.7	78.8
Į.			:	10			6			o		80.9		-	-	81.1
141		50.8	5		77.4	8	0		•	-	-	31.6	81.8	:	81.8	81.8
1			5		-	8	0			-		81.8		-	-	82.0
2000		50.9	;	*	77.8	œ			-	-	?	82.2		2.	3	82.4
		21.1	:		78.0	œ	0		-	2		82.3		~	2.	82.6
141		51.5	;	75.3	19.0	0	-		2			83.4		3		83.6
1		52.6		0	0	-	3.		3	3	3	85.1			5	85.3
3000		56.6	3	82.4		1	89.6		90.2	ò		91.1		-	91.3	91.4
1		57.6				5			~	5	3	1.66		3.		93.3
7000		58.4		85.2		ò	2		3		64.5	84.5	8.46	:	8.46	94.8
		58.4		85.3		0			-	3		94.9		•		6.46
1500		59.3		9		-			*	3		62.6		. 5	•	96.2
1		29.4			-	2			8.46	3		1.96		9		7.96
1000		29.6	•	86.8	41.1			92.6	92.6			6.96			97.1	97.2
		59.1		.0	-	5			2	9	0.76	0.16	97.3		61.3	97.3
8		59.7		6.98	6116	3			0.96			97.5	4.16	-	4.16	97.5
		59.8		87.0	-				9	. 9		97.3	91.5		97.5	97.6
8		29.9			•	3	3		96.2		97.4	97.4	7.16		47.7	97.7
		60.1			~		•		0	:	6.16	61.6	1.86	00		98.2
004 1		60.1		87.7		3	36.5	6.96	6.96		98.1	•	98.3		68.3	98.4
		60.1		87.8	5.	0.06	•	•	-	8	98.6	98.6	0.66	6		99.1
300		60.2	77.6	61.9	93.0		ċ	6.26	97.5	98.6		•	4.66	•	60.66	1.66
82		2.09		6.78	93.0	1.76	9096	61.5	97.5	8	0.66	0.66	9.66	9.66	1.66	8 . 66
٨١		60.2	17.6	87.3	93.0	1.56	•	61.5	97.5		0.66	0.66	1.66	1.66	99.8	000

TOTAL NUMBER OF OBSERVATIONS

1239

388

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MHITING FIELD, FLURIDA

93841 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

AUG MONTH 00

100

1 5 7) SERON

89.0 89.0 96.8 4.16 4.66 89.0 95.9 97.4 4.66 4066 0.0010.0010.001.66 92.9 96.8 98.1 49.4 4.66 98. 1 89.0 0.68 0.68 4.16 8.96 4.16 4.66 4.66 92.9 97.4 65.6 4.16 30.66 4.66 1.86 1.86 4.66 4.66 4.66 89.7 95.5 8006 30/6 1.86 98.7 AI 4.16 69.0 97.4 4.16 4.66 4.66 4.66 4.66 97.4 4.66 89.7 96.8 97.4 88.4 88.4 89.0 89.0 92.9 96.8 98.1 98.1 98.7 98.1 2 5/16 4.16 88.4 92.3 88.4 8.96 89.0 8.46 90.96 96.8 8.96 8.96 95.3 1.96 7.86 1.96 98.1 1.86 98.7 AI 89.0 4.16 88.4 9.96 8.96 94.8 1.96 96.1 96.8 96.8 8.96 98.7 98.7 97.4 98.1 98.7 92.3 98.7 98. 98.7 98.7 98.7 4.88 88.4 89.0 4.76 76.8 6.26 8.96 8.96 4.16 65.3 8.96 96.8 8.96 8.96 4.16 1.86 98.7 88.4 1.96 7.86 98.7 7.86 1.86 1.86 98.7 1.86 1.96 98.7 7 88.4 89.0 8.96 8.96 8.96 4.66 88.4 96.8 97.4 97.4 97.4 4.66 3.96 92.3 96.1 7.86 98.7 98.7 92.3 96.1 96.8 98.1 98.7 98.7 98.7 98.7 98.7 AI VISIBILITY (STATUTE MILES) 88.4 4.16 8.96 4.66 4.16 7.86 89.0 8.46 18.3 92.3 1.96 8.96 8.96 96.1 7.86 92.3 96.8 8.96 4.16 98.7 88.4 98.1 98.7 98.7 98.7 48.7 4.66 88.4 88.4 7.86 98.7 4.16 4.16 4.88 88.4 88.4 88.4 6.26 4.16 96.1 8.96 8.96 8.96 8.96 4.66 8.46 1.96 8.96 1.86 98.7 7.86 98.7 98.7 98.7 7.86 7.96 98.7 95.3 48.4 88.4 1.96 9.96 4.16 98.1 76.8 88.4 1.96 8.96 96.8 96.9 91.4 99.0 4.16 6.76 1.86 98.7 3.96 1.86 1.86 38.1 1.86 98.1 98.1 97.4 98.7 98. 98. 98. 7 4.16 8.96 91.6 34.5 75.5 95.5 96.8 96.8 96.8 9.96 96.8 95.5 95.5 95.5 96.1 96.8 96.8 96.8 0.68 95.5 1.96 96.1 92.9 95.5 65.6 65.5 91.6 90.96 8.96 8.95 88.4 95.5 95.5 1.96 96.8 8.96 90.9 9006 96.8 89.0 94.2 95.5 92.9 95.5 1.96 8.96 76.8 88.4 95.5 90.96 82.6 93.6 96.1 M Al 34.5 2.46 93.6 2.46 92.9 65.6 82.6 93.5 85.8 85.8 92.9 91.6 2.76 85.8 86.5 80.0 89.0 82.6 92.9 2.46 94.2 94.2 8. 76 8.46 34.2 94.2 34.2 AI 16.8 82.6 85.6 82.6 83.2 83.2 77.4 82.6 95.8 82.6 82.6 82.6 76.8 63.2 83.2 83.2 80.0 83.2 83.2 83.2 63.9 76.8 83.2 AI 4.89 4.89 4.89 63.9 67.7 67.7 67.7 4.69 4.89 68.4 4.89 63.9 67.7 0.69 67.7 67.7 67.7 4.89 68.4 66.5 67.7 67.7 57.7 4.89 67.7 AI 2 NO CEILING 2 20000 VI VI 8000 0000 0000 80 (FEET) Y 1 V 900 4500 3000 2000 1800 1500 8 8 88 88 88 88 AI AI AI AI AI AI ALAI AI AI AI AI

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

03 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	1
	,
	1
	,
	1
	•
	1
	1
	,
	í
	1
	1
	1
	1
	1
	1
	1
0	
	ł
	1
1	,
	1
	1
	1
	1
	ł
	1
	,
1	1
	ı
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
	1
2	1
	1
	1
	1
	1
-	
	1
	ı
	1
	1

CEILING (FEET)							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
	2	o Ai	<b>S</b>	4	AI	2 2%	7	VI 7/2	VI 74	-	M M	*	Z AI	≥ 5/16		0
NO CEILING		43.2	62.6	72.9	79.4	80.0	81.3	81.3	81.3	81.9	81.9	81.9	88.9	81.9	82.6	82.6
				- (X	1				:				•	a or	•	000
9009		46.5		78.	34.5			87.7		8 8	88.4	4 . 8 8	8	4.88		89.0
A 1,000		46.5		00	3	2	-	-	-			8		00		89.0
171		46.5			*			-	87.7	8	88.4					89.0
		47.1		6	3		6	6		0						91.0
0006		48.4		0	-		-	-		91.6						92.3
1		49.7		63.9			3			*						95.5
141		40.7	71.0		6.06			;		*						95.5
1		4.65		83.9			4			. 5						95.5
9005		49.7	71.6	10	6.06	0.16	34.5	2.56	2.46	8.56		95.5	95.5	95.5		1.96
1		4.6.4	1.6		0					4.						1.96
000		49.7	•	4			;	;		4						96.1
		4.6.7		1	0		*	;		3						1006
3000		50.3		84.5	91.0		3	8.46		5						8.96
1		50.3		4			*			5						96.8
1 2000		51.0		5	-	•	3			;	96.8				97.4	97.4
		51.0					3			9					97.4	40.16
1300		51.6		130	2	•	1.96			ė	4.16	97.4			98.1	98.1
		52.3					0			4.16	1.86				1.86	186
9		52.3		87.1	3	•	4.16		4.16		98.7		18.4		4.66	4.66
		52.3		87.1	3.			4.16	4.16	98.1	98.7				4.66	7.66
8		2.	74.2	87.1	•		4.16	4.16	4.16	98.1	7.86		98.7		4.66	4.66
1		52.3		87.1	3				4.16	98.1	98.7	1.86	1.86		3.66	7.66
8		52.3	74.2	87.1		*	4.16	4.16	91.6	1.86	1.86		98.7		4.66	4.66
		52.3	74.2	87.1		4			91.4	98.1	1.86		7.86		4.65	7.66
8		52.3	74.2	87.1	93.6	2.46	4.16	4.16	4.16	98.1	98.7	98.7	98.7	98.7	4.66	4.66
		52.3	7.4	87.1	*	. 5	:	4.16	4.16		1.86		1.96			7.66
38		52.3	74.2	87.1	=			4.16	4.16	98.1	98.7	186	98.7	98.7		***66
		52.3	2.4	87.1		34.2		31.4	4.16	98.1		1.86	1.96	7.66		0000
0		52.3	74.2	87.1		. 4		91.4	4.16		98.7		7.86	6	0.00	0000

TOTAL NUMBER OF OBSERVATIONS

155

#### CEILING VERSUS VISIBILITY JAN 7

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING PIELD, FLURIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.6 HOURS (1.5.7.) AUG

E

CEILING																
(FEET)	2	AI	5 1	7	e Al	1 2%	7 1	٧١ ٧	VI 2/1	-	% Al	*	Z AI	≥ 5/16	N N	AI .
NO CEILING		17.4	-	41.9	1	20	9	0	0	3		5		65.		
¥ 20000		19.4	33.6	47.1	57.4	58.7	9.29	67.7		71.6	3	17500		73.	73.6	74.8
> 18000			3	47.1	-	00	2			-		3.		13.		14.
7 16000		19.4		47.1	2	00	5	1	-		73.6	3		73.		74.
		0	*	47.7	8	6	3	8		2.				74.		15.
12000		20.0	*	48.4	8	0	3	6	6	2	74.8			74.	;	76.
		-	-	2.			6		75.5		:	81.9		81.	81.9	83.
000		51.9	-	\$2.3	2.	3		2	5	6			:	81.	-	83.
1			0	54.8	0		5	-	-				80	88		89.
7000		23.9			-	6	9	-	-	3	8			83	6	00
1			0	5	67.1	6	9		-	5	8		6	68	6	
2000		23.9	-	56.1	67.7	6		2.	~	-	6		0	90	0	
		3	-	.0	-	0	.0	2.	2.	-	6		0	90	0	
141		3.	-		1.	6	9	2	3	-	6			90.		
		24.5	-	9		0		3.	3	8			-	91.	-	
3000		*	-	• 9				;	4	6	-		2	92.	3	
		24.5		57.4	1.69	-	19.4	85.2	85.2	6	95.3	92.3	6.26	92.	95.9	8.46
7 2000		;	-	-	6	-	6		3		3		2	92.	5	94.
		4	-		6	-	6	5	5	6	5		2.	92.		94.
1500		5	3		:		0	;		-			;	94.	;	96
		5	3	00	-	2.	0		9	-				94.		96.
90		3			-	03	-	-	-	-	;	8.46	5	95.	3	97.
		25.2	3		71.6	13.6		-		-		8.46	5	95.		97.
8		3			-	~	-	-	87.1	-	;	8.46	2	95.	2	97.
		3		6	-	3	:			-		8.76		95.		97.
8		47		6			-	87.1		-	•		3	95.	95.5	97.
				6	11.6		-		87.1	-		8.76		95		97.
8		3		0	•		81.3	87.1		:	•			95.	95.5	97.
		25.2	43.9	0.09	72.3	74.2	1	87.7	88.4	65.6	1.96	1.96	96.8	96	96.8	96
700		3	3	0		•	-	87.7		5	•	1.96	•	96	•	98.
W 100		25.2	43.9	0.09	72.3	14.2	81.9	87.7		2	•			97.	91.4	99.
										-			è			

0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION NAME

WHITING FIELD, FLURIDA

73-77

YEARS

AUG MONTH

E

				PERCE!	PERCENTAGE FREQUENCY OF OCCUR! (FROM HOURLY OBSERVATIONS)		FREQUENCY OF OCCURRENCE HOURLY OBSERVATIONS)	SERVA	OCCUR	RENCE S)					00 NOUNS (1 S T	
CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	N 10	9 Al	S AI	4	₩ Ai	17 2%	~ Al	۲۷ ۲۷	۲۱ ۲۰	Ā	% Al	*	X X	≥ 5/16	× 11	O AI
NO CEILING		38.1		46.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	40.4	0.64	0.65	49.0
> 20000		46.5		56.8	58.7	58.7	58.7	58.7	58.7	58.7	28.7	58.7	58.7	29.4	59.4	59.4
V 18000		47.1		57.4	4.65	59.4	59.4	59.4	59.4	29.4	29.4	29.4	39.4	0.09	0.09	0.09
2 16000		47.7	56.1	58.1	0.09	0.00	0.09	0.09	0.00	0.09	0.09	0.09	0.09	60.7	60.7	40.7
× 14000		47.7	56.1	58.1	0.09		0.09	0.09		0.09	0.09		6	1.09		60.7
12000		51.0		61.3	63.2	63.5	63.2	63.5	63.5	63.2	63.5	63.2	63.2	63.9	63.8	63.6
		55.5	99.5	4.89	70.3	6.0/	70.3	70.3	70.3	70.3	10.3		10.3	11.0	11.0	71.0
0006		56.1	67	0.69	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3
		59.4	10	72.9	70.1	16.1	76.8	76.8	76.8	76.8	16.0	16.8	8.9	7.4	77.04	4.1
7000		59.4	70.	72.9	76.1	76.1	76.8	76.8	76.8	76.8	76.8	16.8	76.8	77.4	77.4	77.4
1		0.00	71.	73.6	76.8	8.91	78.1	78.1	78.1	78.1	78.1	18.1	18.1	78.7	78.7	78.7
2005		60.7		74.2	78.1	78.1	79.4	79.4	79.4	79.4	19.4	19.4	19.4	80.0	80.0	80.0
1		60.7		74.2	78.1	18.1	79.4	70.4	4.61	19.4	19.4	19.4	4.61	80.0	80.0	80.0
900		60.7		74.2	78.1	76.1	79.4	79.4	19.4	19.4	19.4	19.4	19.4	80.0	80.0	80.0
1		60.7		74.2	78.1	18.1	79.4	79.4	4.61	10.4	4.64			80.0	80.0	80.0
3000		61.9	•	76.8	80.7		81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6
1		64.5	16.	4.61	83.2	23.2	84.5	84.5	84.5	84.5	4	84.5	*	85.2	85.2	85.2
2000		65.8	-	80.7	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5	86.5
		56.5	18		85.2	85.2	86.5	86.5	86.5	86.5	86.5		86.5	87.1	37.1	87.1
1500		69.7	87.8	85.2	89.7	89.7	91.0	91.0	91.0	91.0	91.0	0.16	-	91.6	91.6	91.6
1		69.7	81.9	85.2	\$0.3	90.3	91.6	91.6	91.6	91.6	-	9116	91.6	92.3	92.3	92.3
000		71.6		87.1	6.26	65.6	94.5	2.46	34.5	2.46	2.46	2.46	34.5	94.8	8.46	94.8
		71.6	3.	37.1	65.6	92.9	2.46	2.46	94.2	34.5	2.46	34.5	4.5	8.56	8.46	94.8
8		72.3	84.5	67.7	93.6	93.6	95.5	95.5	95.5	95.5	95.5	98.5	95.5	1.96	96.1	1.96
		72.3	*	88.4	8.46	94.8	96.8	96.8	8096	8.96	8.96	8.96	8.96	4.16	41.4	4.16
9		72.3		88.4	8.76	8.76	8.96	96.8	96.8	8.96	96.8	8.96	96.8	4.16	97.4	4.76
		72.9	85.2		95.5	95.5	4.66	4.16	4.16		4.16	4.16	4.16	98.1	98.1	98.1
8		72.9		89.0	95.5	95.5	4.16	97.4	97.4	97.4	97.4	4.16	4.16	1.86	1.86	98.1
		60	85.	0.68	2		98.1	98.1	98.1		1.86	1.86	98.1	48.7	48.7	98.7
30		72.9		89.0	65.5	95.5	98.7	98.7	98.7	98.7	28.1	98.7	1.86	4.66	4.66	4.66
8		2	85.2	6	1.96	1.96	.6	6	4.66			•	6	00.00	0.00	0.001
0 <1		72.9		0.68	1.96	76.1	4.66	4.66	4.66	4.66	4.66	33.66	49.4	0010-00	0000	00.0

TOTAL NUMBER OF OBSERVATIONS

155

> SOWS DIRNAVOCEANMET

12595-96181

2

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

12 AUG

1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	S
	M
5	5
	STAT
The contract of the contract o	ITY (STATUTE M
	=
5	N N
: [	
-	
(TROM HOOKE CESENTATIONS)	

CEILING																
(FEET)	2	AI	31	7	e Al	2 2%	2 4	¥1. ¥1	71	Ā	2 AI	*	S Al	2 5/16	*	٨١
NO CEILING		23.2	26.	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	26.4	28.4	28.4	28.4
≥ 20000		28.4	33.	36.1	36.1	36.1		36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
		28.4	33.	36.1	9			0			36.1	36.1	36.1			36.1
9009		28.4	33.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
		28.4	33.	36.1	36.1	36.1		36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
12000		30.3	35.	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	36.1	38.1	38.1	38.1
		33.6	38.	41.3	41.3			41.9	41.9		41.9	6.14	6.14	41.9	41.9	41.9
8		33.6	38	41.3	41.9		45.6	42.6	45.6	45.6	42.6	45.0	45.6	45.6	42.6	45.6
1		37.4	42.	45.2	45.8				46.5					46.5		46.5
141		38.1			46.5		-	-		47.1	-	47.1	47.1	-		47.
1		38.1	43.		46.5							47.1		47.1		*1.
8 8		38.1	43.		46.5		47.1	47.1	47.1	47.1		47.1	47.1	47.1		47.
1		38.1	43.											47.1	47.1	47.
1 41		38.7	43.	46.3	-	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
		42.6	47.		1		1	51.6	-	-	-			51.6	-	51.6
300		61.9	69	72.3	74.8	4	75.5	75.5	75.5	75.5	75.5		75.5	75.5	75.5	75.5
1		57.1	74.8	78.1	-	-	-	-	81.9		81.9	-	61.8	61.9	81.9	
7 2000		72.3	8	85.2	4.88		89.0	89.0	89.0	89.0	89.0	89.0	89.0		89.0	89.0
1		72.9		35.8	69.0	6		6					89.7		6	89.1
8		74.8	84.		91.6	91.6	2	6.26	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
		75.8	86.	80.3	93.6	100		94.8	*	94.8	3	:	8.46	94.8	94.8	94.8
98		76.8	87.	91.6		•	8.96	96.8		96.8					;	96.
		76.8	87.	91.6	8.56	94.8			8006	8.96	:	0	0	96.8	9	96.8
8		76.8	87.	91.6	94.8	8.76	91.4	97.4	1.	97.4	-	97.4	-	97.4	97.4	97.4
		76.8	87.	91.6	8.76	94.8		4.16	97.4	4.16		97.4		97.4		97.4
8		76.8	87.		95.5		98.1		98.1	0	8	98.1	98.1			98.1
88		17.4	1		1.96	1.96	8					100	4.66	4.66	40.66	
8		77.4	87.	92.3	1.96	1.96	7.86	98.7	1.86	98.7		98.7	4.66	4.66	4.66	4.66
1		77.4	87.		1.96					98.7	20		4.66	90.66		99.4
38		77.4	87.	92.3	1.96	96.1	98.7		1.86	8		8.7	66	6	99.	99.4
8		17.4	87.7	92.3	1.96	1006	98.7	1.86	1.86	7.66	4.66	3.66	100.0	10000	100.0	1000
													-			

TOTAL NUMBER OF OBSERVATIONS

155

900

66.5

66.5

66.5

66.5

66.5

66.5 66.5 67.7

60.9

66.5 66.5 67.7

65.8

63.9 65.8

61.9 62.6

65.8

65.8

64.5

63.9

58.1

64.5

63.9

58.1

AI AI

5.49

66.5

60.99 F-19

66.5 67.7

66.5 66.5

0.09 64.5

0.00

0.09 0.09

58.7 58.7

58.7 58.7 58.7 58.7 58.7 58.7

0.09

0.09

0.09 64.5

0.09 64.5 6009 6000

29.4

58.1

58.1 58.1 59.4

56.1 56.8

51.0

57.4

52.3 8.95

0

51.0

50.3

46.5

Y 1 4

64.5 66.9

64.5 64.5 64.5 64.5

68.4 70.3

4.89

4.89

4.89

4.89 4.89

68.4

4.89

589

4.89

67. 69.7 69.

67.1

65.8 66.3

0.09

67.7 68.4

67.7

67.1

65.8 67.1

65.2

59.4

900

AI AI

67.7

70.3

70.3

70.3

70.3

76.1

76.1

76.1

109/

87.1

87.1

87.1

87.1

85.00

85.8

81.9 83.9

72.3

3000

11 11

14.8

13.6

72.9

69.99

6119

4500 400 600

AI AI

67.7

16.

51.0 51.0

51.0 51.0

51.0

51.0

21.0 21.0 51.0

> 51.0 21.0 51.6

21.0

50.3

49.7

45.8

VI VI 00091 000091

49.1

51.0 51.6

51.0 21.6

51.0 51.0

51.0 21.0

6.05 1.65

51.0

50.3

49.7

25.2

NO CEILING

2 20000

51.0 51.0 51.0

21.0

51.0

51.0

21.0

51.0

51.0

N N

2 5/16

2 ٨١

**%** 

% Al

<u>~</u>

V - V

7

4

2 2%

M Al

1

۰۵ ۱۸

٨١

2 AI

(FEET)

VISIBILITY (STATUTE MILES)

51.0

51.0 21.0

51.0

51.0

51.0 51.0

21.0 51.0

51.0 51.0

51.6 51.6

51.6 51.6

51.6 58.7

51.6

51.6 51.6

51.0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

AUG 2

=

T S T) SENON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

WHITING FIELD, FLURIDA

99.4100.0100.0 0.0010.0014.66 4.16 93.6 4.16 0.16 8.46 1.86 70.3 87.1 93.6 8.46 1.96 1.96 4.16 98.1 76.1 7.86 0.16 93.6 8.46 93.6 94.8 44.6 70.3 76.1 87.1 96.1 1.96 98. 93.6 70.3 93.6 94.8 4.16 4.16 4.16 7.66 0.16 1.96 1006 1.86 87.1 8.46 1001 98.1 98.7 4.16 8.46 97.4 93.6 70.3 93.6 97.4 87.1 1661 91.0 8.76 1.96 96.1 98.1 98. 0.16 4.66 8.46 93.6 8.46 70.3 93.6 1001 1.96 1.86 87.1

96.8

96.8 96.8

8.96

95.5

95.5

91.6 93.6 95.5

80.7

88

AI AI

91.6 93.6 95.5

1.96

1.96

2.36 6.26

30.7

1.96

92.3

80.7

88

AI AI

6.76

96.8 96.1

8.96

96.8

96.8 8.96 96.8 27.4 4.16

95.5

62.5

93.6

91.6

80.7 80.7

88

11 11

0.08

96.1

96.

96.1

94.8

8.76

0.76

8.46

92.9 91.0 92.9

0.16

80.0

1200

AI AI

8.96

96.8

97.4

4.16

4.16

97.4

4.16

4.66

98.1 1.86

98.1

96.8

94.8

6.76

80.7

88

80.7

80

98.

8.96

94.8

8.56 8.76

96.1

93.6

91.0

91.0

0.16

0.16

68

1.68

85.8 87.7 88.4 90.3

75.5

78.1

2000

AI AI

93.6

93.6 93.6 8.96 8.76 1.96

93.6

93.6

85.3

6.76

93.6 8.46

93.6

92.3

92.3

88.4 90.3

1.81

8.96

93.6 93.6

93.6

91.6

89.7 1.68

19.4

1800

AI AI

7.61

93.6

9.16

94.8 96. 1

8.76 96.1 OTAL NUMBER OF OBSERVATIONS

155

=

SOMS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

19866 STATION

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AUG

E

1.8

000							VISII	BILITY (ST.	VISIBILITY (STATUTE MILES)	(\$)						
(FEET)	2	o Al	\$ 1	4	E AI	Y 21%	~ Al	VI %	VI Z	Ā	NI NI	*	2 Al	≥ 5/16	AI II	0 11
NO CEILING		20.7	23.5	25.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
Z 20000		21.6		0	0	-	-	-:	-	-	-	=	:	-	•	610
18000		•		ċ	1.09	61.3		61.3	61.3	:		-	61.3	01.3	:	6119
00091 4		-		0	60.7	61.3	-	61.3	-	61.3	-	=	:	61.3	:	61.3
> 14000		51.6		-	1.09	61.3		61.3	-:	61.3	-	-	:	61.3	:	61.3
12000		53.6		6.10	65.6	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.2	63.2	63.5	63.2
		60.7	4.89	72.9			3	8.4%	4					74.8		14.8
0006		60.7		72.9	74.2	74.8	74.8	74.8	*	74.8		74.8		74.8	;	74.8
1		67.1	1001	81.3								100		3	3	84.5
1 7000		69.7	78.7	63.9	85.8		86.5	86.5	86.5	86.5		9	86.5	86.5		87.1
1		70.3	79.4	64.5	86.5				87.1	87.1			-	87.1	:	87.7
9006		70.3	19.4	84.5	80.5	87.1	-	87.1	87.1	87.1		~	87.1	87.1	87.1	87.7
1		70.3	4.61	84.3		1.10	87.1		1.					87.1	-	
900		71.6		86.5	88.4			0.68		89.0	6			89.0	•	
		72.9			89.7			0				0		0	6009	91.0
3000		73.6		89.0	91.6	3.	6.76		3	92.3	3		65.6			
		74.8		0.1	2.46		8.46	*	8.46	8.76			95.5	95.5	95.5	96.1
7 2000		75.5		5.3	1.96	97.4	:	4.16	-	97.4	1.86		98.1	98.1	98.1	98.7
		75.5		5.9	1.96		4.16			-	20	1.86	1.96	98.1	96.1	1.86
1500		75.5		5.9	1.96	97.4		4.16	4.16	4.46		00	1 96	98.1	1.86	18.1
1		75.5		5.6	1.96	37.4								98.1	1 96	186
000		76.1	87.7	4.2	4.16	98.7		1.86	98.7		6	4.66	4.66	4066	99.41	0.00
		76.1		*	4.16		98.7					6		4.66	6	0.00
8		76.1		34.5	4.26	98.7		98.7	98.7	98.7			4.66	4.66	40.66	000
1		76.1		*	4.16		98.7				6	6	7.66	4.66	17.66	0.00
8		76.1		34.5	4.16	186		1.96		7.86	0		4.66	4.66	99.41	0000
		76.1	87.7	94.2	4.16	1.86		1.86			6	4.66	4.66	40.66	15.66	0000
004		76.1	87.7	. 4	4.16	7.86	1.86	1.86		7.86	4.66	6	4.66	4.66	4066	0000
		76.1	87.7	34.5	4.16		1.86	68.3	48.7				4.66	4.66	14.66	
200		76.1	87.7	84.5	4.26	48.7		48.7	48.7				4.66	4.66	99.4	0000
8		76.1	87.7			28.1	7.86	1.86	1.86			4.66	4.66	4.66	4.66	0.00
0 <		76.1	87.7	94.2	4.16	98.7	98.7	68.7	1.86	68.7	4.66	30.6	43.4	99.4	33.66	000

TOTAL NUMBER OF OBSERVATIONS

155

8800

SMOS DIRNAVOCEANMET

0

0

#### NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

CEILING VERSUS VISIBILITY

21 AUG

CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	£S)						
(FEET)	2	ه ۸۱	<b>S</b>	4	E AI	2 2%	7	V 1%	¥1	Ä	% Al	* Al	Z AI	≥ 5/16	AI	AI
NO CEILING		4.64	54.2	58.	1.09	1.09	61.3	61.3	-	6119	6.19	6.19	6:19	6119	62.6	62.
≥ 20000		5	72.3	80.0	82.6	82.6				83.9	3.	83.9	83.9	83.9	84.5	84.
			72.3	80.0	2.	5	83.2		83.2			3				
≥ 16000		69.5	72.3	80.0		2.	83.5	83.5			83.9		83.9	63.9		84.
		65.2	~	0.08	2.		60	•		83.9		3	83.9	83.9	84.5	84
2 12000			72.9	80.7	3	63.5	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84,5	85.2	82.
		67.7	75.5	83.2	5	2		87.1	87.1	87.7		87.7	87.7	87.7	88.4	
0006 ~1		67.7	75.5	83.2	85.8	85.8	87.1	87.1	87.1	87.7	87.7		87.7	87.7	88.4	
		0.69	78.7	86.5				0.16	91.0	:	91.6	-		91.6	92.3	95
7000			81.3	0.68	91.6	91.6	93.6	93.6	93.6	34.5	34.5	34.5	34.5	34.5	8 . 46	6
1			81.3	0.68	-	91.6	93.6	93.6	93.6	94.2	3.46		34.5	34.5	94.8	96
> 2000			~	0.68	65.3	65.3	2.40	2.46	3.46	8.76	8.46	8.56	94.8	94.8	95.5	95
		71.6	81.3	0.68	2	2	*	2.46	34.5	8.46	94.8		94.8	8.76	62.5	95
000			61.9	89.7	5.	92.9	94.8	94.8	8.46	95.5	95.5	98.8	95.5	95.5	96.1	96
		72.3	6.18	89.		2.	8.46	94.8	8.76	96.1	1.96	1.96	1.96	1.96	8.96	96
3000		72.9	85.6	90.3		93.6	95.5	95.5	95.5	8.96	96.8	8.96	96.8	96.8	97.4	97.
1		72.9	82.6	92.3	3	48.5	4.16	4.76	4.16	98.7	1.86	1.86	1.86	48.7	4.66	66
7 2000		72.9	82.6	92.3	62.5	95.5	4.16	7.16	4.16	7.86	1.86	98.7	98.7	98.7	7.66	66
			95.0	6.26	62.5	95.5	4.16	4.16	4.16	98.7	98.7	1.86	1.86	98.7	40.66	66
1500		72.9	82.6	92.3	95.5	93.5	4.16	97.4	97.4	98.7	98.1	98.7	98.7	98.7	4.66	66
		72.9	95.6	92.3	95.5	95.5	9.16	4.16	4.16	98.7	93.7	98.7	98.7	98.7	7.66	66
1000		2.	82.6	92.3	95.5	96.1	98.1	98.1	98.1	4.66	4.66	4.66	4.66	4.66	10000	100
		2.	82.6	85.3	95.5	1.96	98.1	1.86	98.1	4.66	4.66	4.66	4.66	4.66	0000	001
8		72.9	82.6	92.3	95.5	96.1	98.1	1.86	98.1	4.66	4.66	4.66	4.66	4.66	0.001	001
		72.9	82.6	92.3	95.5	96.1	1.86	1.86	98.1	4.66	7.66		4.66	4.66	0.001	00
8			82.0	92.3	95.5	96.1	98.1	1.86	98.1	4.66	4.66	40.66	4.66	4.66	0.001	001
		2	82.6	92.3	62.5	1.96	1.86	1.86	98.1	4.66	4.66	4.66	4.66	4.66	00001	00
141			82.6	92.3	95.5	1.96	98.1	98.1	98.1	4.66	4.66	4.66	4.66	4.66	10000	001
		2.	2	·	62.5	1.96	98.1	96.1	98.1	4.66	4.66	5.66	4.66	4.66		001
90		72.9	N	92.3	95.5	96.1	1.86	1.86	98.1	9.66	4.66	4.66	4.66	4.66	0000	00
8		72.9	95.0	92.3	62.5	1.96	1.86	98.1		4.66	4.66	46.6	4.66	4.66	•	001
0		72.9	82.6	92.3	85.5	96.1	1.86	1.86	1.86	4.66	4.66	4.66	4.66	4.66	10000	001

TOTAL NUMBER OF OBSERVATIONS

155

#### 1900

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL AUG

I

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	2	9 11	\$7 A1	AI AI	S AI	2 2%	2 71	71 71	VI VI	- AI	N AI	* 11	N N	≥ 5/16	A1	0 11
NO CEILING		33.6	41.1	9	49.5			0	50.9	51.5	51.1	51.7	1.15	51.9	52.0	52.2
2 20000		40.4		0	*		0	0		-	:	0		:	0	
18000		46.0		61.0		68.3	•	69.9		•	-		-	6.19	ò	
2 16000		46.1		61.0				6.99	6.99		67.8	-	61.8	68.0		68.3
		46.1		62.0	65.2	65.5						•	-	68.1		999
12000		47.2		63.2				68.2	68.2		69.1	69.1	6	69.3		9.69
		50.5				11.5			73.8					4	5	
000		50.0		68.3	711.7	72.0	73.6	74.4	3	75.0		78.3	75.3	75.5	5	75.8
1		53.8		72.3		16.5			6		0	0	0	0	0	0
141		34.8	66.5	73.6	77.3		0		80.3	81.0	81.3	-	81.4	81.5	81.7	81.9
1		54.9	66.7	13.7		6.11	6	0	0		-		:			2
2000		55.5	67.0	74.0	78.0		0	81.1	-	•	2	2	2.	82.5	82.7	82.9
1		55.2	1.19		·			-		-		2	2	82.6	82.7	83.0
1 1		55.8		74.8	78.7	16.1	-		-		83.0		83.1		83.4	83.6
1		57.1	69.1	0				83.4						84.8		85.2
3000		60.7	73.6	80.8	85.2	5	-		œ	6	6	6		0	90.2	9006
1		62.2	75.3	83.0	-	88.0			6.06		92.2	2.		95.4	95.6	92.9
1 2000		63.5	76.8	*		0	6.16		92.7		;	;		*	34.4	1.56
1		63.6	6.94	84.8	89.4	6.68		2		93.6	1.76	1 . 76	2.46	4.46	94.5	8 . 46
0051 1		64.7			0		93.5	;	*	5	95.3			2	2	96.2
		0.59		86.5			0.46		*	3	0				60.96	8.96
1000		65.4		87.3	5.	~	1.56	6.56	•				97.3		-	0.86
		4.59		•	5.	2	95.1		62.6		97.3			97.5	47.7	0.86
8		65.6		87.5	95.3				36.2	-	-	-		7		98.4
		9.59		87.6	95.5	1.86	98.6		40.4	97.2	97.8	97.8	6.16	98.1		98.6
9		65.6	19.4	67.6	95.6	93.2	7.56	96.5	96.5	97.3		-	98.0	98.2		98.6
		65.7		87.8	95.8	43.4	6.56	1.96		97.5	98.2		98.3	98.5		0.66
141	,	65.7	9.62	87.8	95.8	93.4	6.56	10.06	2.96	97.5	98.2	8	6.86	98.5	98.6	0.66
		9		87.9	65.6	93.5	0	6.96	6.96	1000	00		98.6	98.8	•	86.3
7 200		03	19.0			93.6	96.2	0.16	97.1		•		98.8	0.66	1.66	4.66
8			19.7	88.1	93.2		.0	97.2	97.3	98.2	0.66	0.66	1.66	4.66	•	6.66
		9.00	13.	900	3	1301	40.4	2016	6.16		•	•	1.6	•	27.0	000

0

TOTAL NUMBER OF OBSERVATIONS

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP 00 00

7 CEILING 20000 19	^						-									
CELLING  CEL		•	5 4	1	21	2 2%	N 2	VI E	<u>*</u>	Ā	AI	a# ∧I	Z Al	≥ 5/16	AI	A1
20 00 00 00 00 00 00 00 00 00 00 00 00 0	9	-	53.3	58.1	61.3	61.3	62.7	62.1	62.7	63.3	63.3	3.		0.40		040
000 000 000 000 000 000 000 000 000 00	36	58.7	65.3	72.0	75.3	75.3	76.7	76.7	76.7	77.3	77.3	77.3	78.0	78.0		78.0
80 00 00 00 00 00 00 00 00 00 00 00 00 0	•	-	65.3	72.0	75.3	15.3	70.7	76.7	76.7	77.3	17.3	17.3	78.0	78.0	78.0	78.
000 000 000 000 000 000 000 000 000 00	2	1	65.3	72.0	75.3	75.3	76.7	76.7	76.7	77.3	77.3	77.3	78.0	78.0	78.0	78.0
00 00 00 00 00 00 00 00 00 00 00 00 00	2	-	65.5	12.0	75.3	15.3	76.7	1001	16.7	77.3	17.3		0.81	0.8/	18.0	78.
	2	59.3	1.99	73.3	77.3	77.3	78.7	78.7	78.7	79.3	79.3	79.3	80.0	80.0	80.0	80.
	9	-	0.7/	13.3	83.3	63.3	84.7	85.3	0	86.0		0	86.7	86.7	86.7	86.
1	9	1	72.0	79.3	83.3	83.3	84.7	85.3	85.3	86.0	86.0	86.0	86.7	86.7	86.7	86.
1	9	-	0.4/	82.0	86.0	0	87.3		00	(S)	88.1		89.3	89.3	89.3	89.
1	20		74.0	82.0	86.0	86.0	87.3	88.	88.0	88.7	88.7	88.1	89.3	89.3	89,3	89.
	9	1	14.1	82.7	1.98	86.1	88.	88.7	88.7	89.3	89.3	89.3	0.06	0.06	30.0	06
2 5000	9	0.99	75.3	83.3	87.3	87.3	88.7	89.3	89.3	0.06	0.06	0.06	1.06	1006	90.7	90.
1	9	1	15.3	83.3	87.3	67.3					0	0	1.06	90.7	40.1	90.
0004	ç		75.3	83.3	87.3	87.3	88.7	89.3	89.3	0.06	0.06	0.06	90.7	90.7	90.7	90
1	9	1	15.3	83.3	87.3	87.3	28.7	89.3	89.3	0.06	0.06	0.06		4004		.06
3000	9		76.0	84.0	88.0	88.0	89.3	0.06	90.06	2.06	2.06	40.4	91.3	91.3	91.3	91.
1	0	1	16.7	84.7	88.7	88	0.06	1.06	40.7	91.3	91.3	91.3	95.0	92.0	92.0	
2 2000	0		77.3	85.3	90.0	90.0	91.3	95.0	95.0	92.7	92.7	92.7	93.3	93.3	93.3	93.
	0	1	11.3	85.3	90.0	30.0	91.3	92.0		92.7		45.7	93.3	93.3	93.3	93.
881	0		78.0	85.7	91.3	91.3	92.7	93.3	93.3	0.46	0.96	0.46	4.7	94.7	94.7	**
	0	1	16.7	87.3	95.0	0.26	93.3	0.46	0.76	44.7	1.96	1.96	95.3	95.3	95.3	95.
080	9		80.7	89.3	0.46	94.0	95.3	0.96	0.96	1.96	1.96	1.96	97.3	97.3	97.3	97.
	9	69.3	80.7	89.3	0.96	0.46	95.3		0.96	1.96	1.96	1.96	91.3	97.3	97.3	97.
8	7(		81.3	0.06	34.7	44.7	0.96	96.1	1.96	97.3	97.3	97.3	98.0	98.0	98.0	98.
	1	0.07	81.3	0.06	1.46	1.76	0.96		46.7	97.3	97.3	87.3	0.86	98.0	0.86	98.
8	7	~	82.7	91.3	0.96	0.96	97.3	0.86	0.86	7.86	98.1	98.7	66.3	99,3	99.3	66
	1	-	82.7	91.3	0.96	96.0	97.3	0.86	0.86	48.7	1.86	98.7	66.3	66.3	66.3	66
8	7	_	82.7	91.3	0.96	96.0	91.3	98.0	0.86	7.86	66.3	99.3	100.00			100
	-	_	82.7	91.3	0.96	0	97.3		98.0	1.86	66.3		0.001	0.001	0.001	001
38	71.3	-	82.7	91.3	0.96	96.0	61.3	0.86	0.86	7.86	66.3	66.3	100.0	100.00	100.0	100
	1	-	1.78	61.3	0.96	9	64.3	0.86		98.7	6.66	86.3	100.0	0.001		100
0	71	~	82.7	91.3	0.96	96.0	97.3	96.0	98.0	7.86	66.3	66.3	10000	10000	10000	1000

TOTAL NUMBER OF OBSERVATIONS

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

93841

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

60 SEP

CEITING							VIS	BILLITY (ST.	VISIBILITY (STATUTE MILES)	[5]						
(FEE	5	41	2 4	AI	E A1	2 2%	2 2	N 13	W 14	- AI	AI	* 11	S.	≥ 5/16	M AI	AI
NO CEILING		36.0	48.1	57.3	0.09	0.09				m	63.3	63.3		0.40	64.7	640
> 20000		0.04	5	62.7	0.99	0.99	0.89	68.7	68.7	70.7	70.7	70.7	71.3	71.3	72.0	72.0
V 18000		40.0	5	62.7		9			58.7	0	1001	1001		-		72.0
2 1600		0.04		62.7	0.99	0.99		68.7	68.7		70.7	70.7	71.3	-	72.0	72.0
> 14000		0.04	5	62.7	0			68.7	68.7		1001	1001		-		72.0
12000		40.7	2	64.7	68.0	68.7	70.7	71.3	71.3	73.3	73.3	73.3	74.0		74.7	74.7
		44.0		69.3	73.3	0.4/		9	76.7	-	78.7	18.7	79.3	6	0	80.0
0006		44.0	57.3	69.3	73.3						78.7	78.7	19.3	6		80.0
1		46.0			77.3	78.0		80.7		82.7	32.7	82.1	**	3	4.	84.0
7000		46.0	60.7	73.3	77.3	78.0	0	80.7		2	82.7	82.7	83.3	•	84.0	84.0
1		45.0	1	14.5	77.3	003		80.7		2.		82.7		3	84.0	84.0
0005		46.0	9	-	77.3	•		80.7	80.7	82.7	82.7	82.7		83.3		84.0
1		46.0	60.7	73.3	77.3	00	ò	80.7			82.7	82.7			0.48	84.0
900		46.0	0	-	77.3			80.7			82.7	82.7		3		84.0
		46.0	69		77.3		0	80.7			82.7	82.7		-	84.0	84.0
3000		46.0	0	73.3	77.3	78.0	80.0	80.7		82.7	82.7	82.7	*	3.	4	84.0
1		46.7	19	74.0	78.0	00	0	81.3	81.3	3	83.3		4		84.7	84.7
7000		47.3	0	75.3	80.7	81.3	83.3	0.48			86.0	86.0	86.7	86.7	87.3	87.3
		48.0	63.	0.91	91.0	2	,	1.48		6	1.98	86.7			38.0	88.0
88		48.0	C	77.3	£2.7		86.7	87.3	87.3		89.3	89.3	0.06	0	1006	
1		48.7	0	78.7	84.0			88.7	88.7	0	1.06	1.06	91.3	-	92.0	92.0
8		49.3	S	79.3		65.3	88.7	89.3		-	91.3	91.3	92.0	2		92.7
		69.3	1.99	60.0	85.3	0	89.3	0.06	0.06	3	92.0	92.0	1.76	2.	93.3	93.3
8		50.0	0	80.7	86.0	86.7	0.06	1.06	90.7		92.7	92.7	93.3		0.46	0.46
1		50.0	67.3	80.1	86.0	26.		1.06	40.1	2.	93.3		0.46	4.	1.96	94.7
8		50.7	0.89	81.3	86.7	67.3	7.06	91.3	91.3	93.3	0.46	0.46	2.46	94.7	95.3	95.3
		50.7	68.7	82.0	87.3		91.3		N	;	1.46	94.7	95.3	5		96.0
8		50.7		82.0	88.0	88.7	92.0	92.7	92.7		95.3	95.3	0.06	. 9	1.96	96.7
		50.7	58.7	82.0	88.0	88.7	92.0	92.7	92.7			0.96	1006	6.	61.3	97.3
8 3		50.7	58.7	82.7	88.7	89.3	93.3	0.46	0.46		97.3	97.3	98.0	98.0	18.1	98.7
		20.7	1	82.7	88.1	69.3	93.3	0.46		0.96	97.3	61.3	98.0	98.0	66.3	99.3
0		50.7	0	82.7	88.7	89.3	93.3	0.46	0.96		97.3	97.3	98.0	•	00.00	0000

TOTAL NUMBER OF OSSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

19866

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

90

SEP

100

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	5 1	٥ ٨١	21	1	21	2 2%	2 4	VI 7/2	¥1 ¥	-	% Al	*	Z AI	2 5/16	AI	O AI
NO CEILING		16.7	22.7	29.3	38.0	40.	2	45.3	5	47.3	48.1	48.7		6	49.3	50.
≥ 20000		19.3	28.0	37.3	46.7	50.0	51.3	24.7	24.7	57.3	58.7	58.7	59.3	59.3	59.3	61.3
		19.3		37.3			:	34.7	4	57.3	58.1	58.7			•	61.3
14000		19.3		37.3	46.7	0	51.3	54.7	24.7	57.3	58.7	58.7		59.3	59.3	61.3
> 14000		19.3		37.3	46.1	0		54.7	54.7		58.7	58.7		59.3	59.3	61.3
12000		20.0	29.3	38.7	48.0	52.0	53.3	56.7	56.7	59.3	1.09	2.09	61.3	61.3	61.3	63.3
			*	0.44		ro	0	. 5	0.49					69.3	69.3	71.3
900		22.0	33.3	0.44	54.7	58.7	61.3	64.7		67.3	69.3	69.3	70.0	70.0	70.0	72.0
1		26.0	38.0	50.0	-	65.3	20	71.3				16.0		16.7	76.7	78.
788		26.7	38.7	50.7	62.0	0.99	1.89	72.0	72.0	74.7		76.7	77.3	77.3	77.3	79.3
1		26.7	38.7	50.7	N		68.7				16.1	16.1		17.3	11.3	19.
88		25.7	38.7	50.7	62.0	0.99	68.7	72.0		74.7	76.7	76.7		77.3	77.3	19.
1		26.7	38.7	1.05	2	0.99	68.7	72.0				16.7		17.3		19.
0007		27.3	39.3	51.3	2	200	69.3			75.3	77.3	77.3	78.0		78.0	80.
1		27.3	39.3	51.3		1.99	.6	72.7		75.3	77.3	11.3	18.0	78.0		80.0
300		27.3	39.3	51.3	62.7	1.99	69.3	72.7		•			78.0	78.0	78.0	80.0
		27.3	39.3	51.3	62.7	0	69.3	72.7	72.7	76.0	78.0	0.87	78.7	78.7	78.7	80.
7 2000		27.3	40.0	52.0		61.3	70.0	73.3			•			79.3	•	81.3
		27.3	0	52.0	3				3	9	78.7	18.1			19.3	81.
1500		28.7	-	24.0	65.3	69.3	72.7	16.0	•		81.3	81.3	5.			84.0
		29.3	42.0	24.1	0.99		73.3	76.7			82.0				82.7	84.
8		30.7	;	56.7		72.7	76.0	19.3		3	85.3	85.3	86.0	85.0	86.0	88.
		30.7	0.44	26.7	0.89	12.1		19.3	0	83.3	85.3		86.0	86.0		
88		31.3		57.3		13.3	76.7	80.0	o	;	86.0	86.0				88
			4	58.7	.0	14.7	78.0	81.3		85.3		87.3	88.0	80	88.0	90.0
8				58.7	10.0	74.7	78.7	82.0	82.0	86.0	98.0	88.0	88.7			90
		2	4	50.3	1001	15.3	6	83.3			0.06	0.06	40.1	4006		92.
84			4	\$6.3	1001	13.3	0	84.0	*			40.1	61.3	91.3	91.3	93.
380		32.0	0.95	59.3	70.7	•	0.08	0.48	0.48		1006			91.3	91.3	93.
-		2	40.	54.3	100	13.3			2.40	•	0.76		1.76	72.1	73.3	
8		2	0.95	59.3	70.7	15.3	80.7	94.	24.7	0.06	92.1	92.7	0.56	0.46	95.3	98.
		95.0	40.0	27.3	100	13.3	1.000		1.40	•	1.76		0.46	34.0	100	000

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

NHITING FIELD, FLORIDA

73-77

SEP BONTH 09 HOURS (1.5.T.)

Mocelling   No Celling   No C	CEILING							VIS	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
33.3 44.0 46.7 48.0 49.3 49.3 49.3 49.3 49.3 49.3 49.3 49.3	(FEET)	2		37				1000			71					1	
38, 7 50.0 52.7 54.0 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55	NO CEILING		33.3	44		8	6.65	6	6.65		6	49.3	6.65	49.3	6.64	6.65	
18000  38.7 50.0 52.7 54.0 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55	2 20000		38.7	50.	52.7		55.3	5	3	3	3	55.3	55.3	55.3	55.3	55.3	
10000  40.0 38.7 50.0 52.7 54.0 55.3 55.3 55.3 55.3 55.3 55.3 55.3 55			38.7	50	52.7		55.3	55.3	5	55.3	3	55.3	55.3	55.3	55.3	55.3	55,3
39.3 50.7 55.3 56.7 56.0 56.0 56.0 56.0 56.0 56.0 56.0 56.0			38.7	50	52.7	54.0		55.3	5	55.3	3			55.3		55.3	
49.0 52.7 55.3 56.7 56.7 56.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7 6			39.3	1	53.3	34.1	56.0		0	0		56.0			56.0		56.0
10000   43.3   57.3   60.0   61.3   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.7   62.2   63.3			40.0		58.3	56.7	8			8	8		8		58		
43.3         57.3         60.0         61.3         62.7         63.3         63.3         63.3         63.3         63.3         63.3         63.3         63.3         63.3         63.3         67.3         68.7 <t< th=""><th></th><th></th><th>43.3</th><th>1</th><th>0</th><th>61.3</th><th>62.1</th><th>2.</th><th></th><th>2.</th><th>62.7</th><th>62.7</th><th></th><th></th><th>62.7</th><th>62.7</th><th></th></t<>			43.3	1	0	61.3	62.1	2.		2.	62.7	62.7			62.7	62.7	
44.7 61.3 64.7 66.7 68.0 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7			43.3	57.3	0.09	-		6			63.3	3			63.3	3	
44.7 61.3 64.7 66.7 68.0 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7	1		44.7	1.09		65.3		-			67.3	67.3			67.3		
44.7 61.3 64.7 66.7 68.7 68.7 68.7 68.7 68.7 68.7 68			44.7	61.3		66.7	8				-						
44.7 61.3 64.7 66.7 68.7 68.7 68.7 68.7 68.7 68.7 68			44.7	61.3		66.7						68.7					
44.7 61.3 64.7 66.7 68.0 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7			44.7	61.3		1.99	03			68.7		68.7		68.7			
44.7 61.3 64.7 66.7 68.0 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7	1		44.7	61.3		1.99	68.0		68.7			68.7		68.7	68.7	68.7	
45.3 62.0 65.3 66.7 68.7 70.0 70.7 70.7 70.7 70.7 70.7 70.7 7			44.7	61.3	64.7	1.99	00		68.7			68.7			68.7	68.7	
46.0 63.3 66.7 68.7 70.0 70.7 70.7 70.7 70.7 70.7 70.7 7	1		45.3	62.0	65.3	67.3				6	6	69.3	69.3	69.3	69.3	69.3	69.3
46.7 64.0 68.0 70.0 71.3 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0			46.0	63	66.7	68.7					0		70.7	70.7	70.7	70.7	70.7
200 50.0 67.3 71.3 73.3 74.7 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76	1		46.7	64.	00				72.0				2.	7			2
1500 55.0 67.3 71.3 73.3 74.7 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76			50.0	67.	-		•						9	.0		9	
1200 54.0 72.7 76.7 78.7 80.0 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3	1		50.0	1	71.3	73.3	14.1					76.	16.0				76.0
1200 57.3 76.7 80.7 82.7 84.0 85.3 85.3 85.3 85.3 85.3 85.3 85.3 85.3			54.0				0	-	-	-	-	81.		:		-	81.3
59.3 80.0 84.7 86.7 88.0 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3	1		57.3	1	C			5	-	5							85.3
59.3 80.0 84.7 87.3 88.7 90.0 90.0 90.0 90.0 90.0 90.0 90.0 90			59.3			0	8	6	0	6		0	0	0			89.3
60.0 80.7 86.0 88.7 90.0 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3			59.3	1		87.3			0		0	90	0	0		0	
500 60.0 80.7 86.0 89.3 91.3 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7			0.09		0	*	0		91.3	91.3	-	-	91.3	:			
500 61.3 62.0 67.3 90.7 92.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94			0.09	1		6	91.3	92.7	92.7	92.7	-	92.7	92.7	92.7	92.7	92.7	92.7
200 61.3 83.3 88.7 92.0 94.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96			61.3	8	-	0	92.7				-	1.46				4.7	7.46
200 61.3 83.3 88.7 92.0 94.0 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7			611.3	1			0.46			9	0			9	9		
200 61.3 84.0 90.7 94.0 96.7 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97			61.3	83.3	88.7	•				9	9	96.7				2005	
200 61.3 84.0 90.7 94.0 96.7 99.3100.0100.0100.0100.0100.0100.0100.01			61.3	83.3	88.7	95.0	34.1	1.96	6.16	97.3	97.3	61.3	61.3	97.3	97.3	97.3	97.3
100 61.3 84.0 90.7 94.0 96.7 99.3100.0100.0100.0100.0100.0100.0100.01			61.3	0.48	1.06	3	1.96			0	0	•		0	100.	•	0000
0 61.3 84.0 90.7 94.0 96.7 99.3100.0100.0100.0100.0100.0100.0100.01				0.09		*				•	0	•		00	100	•	0000
				84.0		*					•				ċ	100.00	0000

TOTAL NUMBER OF OBSERVATIONS

150

SOMS DIRNAVOCEANMET

WHITING FIELD, FLURIDA

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

12 HOURS (1 5 T.) SEP

E

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	0 11	28.7	0.04	40.0	40.0	40.0	13.3	1.4.	46.0	6.64	51.3	25.0	52.0	52.7	54.7	58.7	70.7	19.3	86.0	86.7	1006	13.3	69.3	95.3	0.9	0.96	10.1	0.86	7.86	66.3	99.3	0.00	000
	× AI	28.7 2	40.04	40.04	40.04	40.04	43.3 4	14.1	40.04	6.6	6.3	25.0 5	52.0 5	22.7	54.7 5		70.7	19.3	86.0	86.7	90.7	13.3 9	95.3	-	6 0.96	0	96.7 9	-	1		.3	0.	00.00
	5/16		40.04	40.04	40.04	-	3.3	4.7	40.04	6.6	1.3	2.0	2.0	2.1	14.7	58.7	70.7	9.3	0.9	86.7	90.7	3.3	5.3	5.3	0	0	1.	0			.3	10.	00.00
	AI SE AI		40.04		0	0	13.3 4	4.1	40.0	19.3 4	11.3 5	2.0	2.0	1.7	14.7		70.7	6.3	8 0.9	86.7	0.7	3.3 9	5.3 9	5.3 9	6 0.9	0	-	0		8.3	6.3	10.0	0.0
	* 1		0	0	0	0.0	3.3 4	44.7	40.04	49.3 4	11.3		2.0	20.7	14.7	58.7	70.7	19.3	80.98	86.7	0.7		5.3	95.3	6.00	6 0.96	6.1	6 0.86	8.7 4	6.6	.3	10.	00.00
	* 1		40.04		0	40.04	3.3 4	4.14	0.	49.3 4	0	0.	2.0 5	2.15	. 1	8.7	1.0	.0	0	86.7	0.7 9	2	5.3 9		6 0.96	0.0	1.9	8.0	.7	.3	.3	0.	00.010
	_ AI	8.7	40.04	0.0	0.0	0.0	3.3 4	4.74	0.9	6.3	1.3	2.0 5	2.0 5	2.1	4.7	8.7	7 200	19.3	0.9	1.9	1.0	3.3	5.3 9	8.3	0.9	0.9	6.1 9	0.8	8.7	6.6	6.3	16.6	9.31
JTE MILES)	71 7	28.7 2	40.04	40.04	40.04	40.04	3.3 4	4 - 7 4	40.04	9.3 4	1.3 5		2.0 5	2.7 5	4.7 5	8.7 5		8.7 7	5.3 8	8 0.0	0.0	2.7 9	4.7	4.7 9	5.3 9	5.3 9	6 0.9		8.0	8.79		8.7	8.7 9
VISIBILITY (STATUTE MILES)	%1 X	1.0	0.0		0.0	0.0	3.3	4.1	0.0	9.3 4	1.3 5	0.2	2.0 5	2.7 3	4.7	8.7.5	7 20	8.7	5.3	6.0 8	6 0.0	2.7	4.7	4.19	5.3	5.3	6.09	6.1	6 0 8		8.7	1.0	8.7.9
VISIBII	~ Al	8.7 2	4 0.0		40.04	40.04	3.3 4	4 1 .4	40.94	9.3 4	51.3 5	2.0 5	2.0 5	2.7	4.7 5	8.7.5	7 200	8.7		8 0.9	6 0.0	2.7 9		4.7 9	5.3 9	5.3 9		6.19	7.3 9	8.09	0.8	8.0	8.0 9
	> 2%	28.12	4 0.0	0	40.04	40.04	3.3	44.14	46.0 4	6.3	1.3	5.0 3	2.0 5	2.7 5	4.7	8.7.5	0.7	80	8.3 8	86.0 8	90.09	2.79	4.7	6 1.5	4.7	4.19	5.3 9	6 0 9	6.1	7.3 9	7.3 9	1.3	7.3 9
	۸۱ « ۸۱	28.7	40.04	40.04	40.04	40.04	3.3 4	4 . 4	40.04	9.3	1.3 5	2.0 3	2.0 5	2.13	4.7 5	8.7 5	7 2.0	8.7	5.3 8	0.9	0.0	2.19	6 1.4	6 1.4	4.7 9	6.19	5.3	6 0.96	1.9	6 1.96	96.7 9	1.9	6.1 9
	4	7.3	8.0 4	8.0 4	8.0	8.0 4	1.3 4	2.7 4	3.3 4	1.9	3.7	9.3 5	9.3	50.05	2.0 5	0	18.07	16.0	2.0 8	2.7 8	6 0.9	88.7	0.7 9	90.7	0.7	0.1	1.3 9	2.0	2.7 9	2.1	2.7	2.1	2.7 9
	\$ 1	26.7 2	7.3 3	6.3	7.3 3	6.3	0.7	2.0 4	2.7 4	5.3 4	6.7	1.3 4	7.3 4	6.	9.3 5	3.3 5	5.3 6	-	5	8.78	2.0 8	0	6 0.9	0	6 0.9	0	6.1 9	7.3 9	8.0 9	0	88.0 9	0	8.0 9
	۰ ۱۸	1		1		1		1	40.7	,		)		1	46.0 4			1		1		1		1		1					-		
	2	-	~		140			-	4	7	•	-	4		4	-	0	0			_		_				-						
CEILING		NO CEILING	> 20000	18000	16000	× 14000	12000	1	0006	1	7000	1	2000		900		3000	1	7000	1	1500	1	000		8		9		141		141		٥

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

MHITING FIELD, FLORIDA

93841 STATION

CEILING VERSUS VISIBILITY

SEP

YEARS

73-77

				PERCENTAGE (FROM	INTAGE FREQUEI (FROM HOURLY				NCY OF OCCURRENCE OBSERVATIONS)	RENCE					\$ 1) SUNON	1
CEILING							VIS	IBILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	5	٥ ٨١	8 41	AI	e Al	≥ 2%	7	¥1 Y	¥1 Y	- AI	% Al	*	N N	≥ 5/16	NI NI	0 11
O CEILING		28.7	32.7	32.7		33.3	33.3	33.3	33.3	33.3	33.3	33.3		33.3	33.3	33.3
≥ 20000		42.7	46.7	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
		42.7	46.7	46.7	48.0	•	48.0	0.84	48.0	48.0	48.0	0.84		0.84	0.84	0.84
× 16000		42.7	46.7	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	0.84	49.0	48.0
		45.7	46.7	46.7	8	48.0	48.0	0.84	48.0	48.0	48.0	48.0	0.84	48.0	48.0	48.0
≥ 12000		44.7	50.7	50.7	52.0	55.0	52.0	55.0	52.0	52.0	52.0	55.0	52.0	52.0	52.0	52.0
		50.7	58.0	58.0	59.3	56.3	59.3	-	59.3	59.3	56.3	59.3	59.3	29.3	59.3	59.3
0006		50.7	58.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
		54.7	62.7	62.7	64.0	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.00	0.49
700		56.7	64.7	65.3	1.99	66.7	66.7	66.7	1.99	66.7	1.99	1	66.7	66.7	1.99	1.99
i			0.99		68.0	68.0	68.0	0.89	68.0	68.0	0.89	0	0.89	0	0.89	68.0
2000			67.3	68.0		69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
		59.3	68.0	68.7	70.0	0.01	10.0	70.0	10.0	10.0	10.0	0.07	0.07	10.0	70.0	10.0
900		61.3	70.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
1		62.7	71.3	72.0	73.3	13.3	73.3	73.3			73.3	.3	13.3	13.3	73.3	73.3
3000				80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	.3	81.3	81.3	81.3	81.3
			82.7	84.0	86.0	0.98	86.0	0.08	86.0	86.0	86.0	0	0	0	86.0	86.0
7 2000		77.3	86.7	83.7	1.06	1006	2006	1.06	40.1	2006	2.06	2006	-	1	40.1	40.1
		77.3	86.7	88.1	61.3	81.3	61.3	91.3	91.3	1.3	61.3		61.6	91.3	6116	91.3
N 1500			0.06	45.7	95.3	95.3	98.3	95.3	95.3	m	65.3		0.96	0.96	0.96	0.96
			0.06	92.1	95.3	98.3	95.3	0.96	0.96	0.96	0.96	0	1.96	1096	1006	196
1000		80.0	0.06	92.7	95.3	95.3	95.3	0.96	0.96	196.7	1.96	1.96	61.3	97.3	97.3	97.3
		80.0	0.06	92.7	65.3	98.3	93.3	0.96	0.96	1.96	1.96	1.96	6.16	61.3	97.3	97.3
8		81.3	61.3	0.76	1.96	96.1	1.96	97.3	97.3	0.96	0.86	0.86	1.86	186	198.7	68.7
		81.3	61.3	0.46	1.96	96.1	7.96	97.3	97.3	98.0	0.86	0.86	1.86	98.7	48.7	98.7
8		-	61.3	0.76	1.96	96.1	2.96	97.3	97.3	98.0	0.86	0.86	186	98.7	1.86	98.7
		81.3	61.3	0.76	1.96	1.96	1.96	97.3	81.3	98.0	0.86	0.86	1.86	48.7	98.7	98.7
84		81.3	0.26	4.1	61.3	97.3	6.16	0.86	0.86	7.86	7.86	1	-	~	66.3	66.66
		81.3	95.0	1.76	0.86	98.0	98.0	48.7	1.96	66.3	66.3	.31	.01	2	0000	100.0
7 200		81.3	95.0	4.1	0.86	98.0	0.86	48.7	18.1	66.3	66.3	.31	.0	0	00.00	0.00
8 1		81.3	2	24.7	00	00	œ	99.7	1.86		•	.3	.01	•	00.00	0.00
- 1		81.3	0.26	24.	98.0	78.0	98.0	1.96	98.7	666	60.66	16.66	00.00	00.00	00.00	000

150

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) WHITING FIELD, FLURIDA 93841 STATION

18 HOURS (LST.) SEP

Det.

210 26 25 24 23 44.0 44.0 44.0 54.1 55.3 59.3 63.3 64.0 55.3 59.3 63.3 64.0 55.3 59.3 63.3 64.0 55.0 50.0 50.0 50.0 50.0 50.0 50.0 5	CEITING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
36.7 40.7 44.0 44 54.7 58.7 62.3 64 55.3 59.3 63.3 64 56.0 50.0 60.0 64 64.7 70.0 74.0 75 64.7 70.0 74.0 75 64.7 70.0 74.0 75 70.7 77.3 82.7 84 72.0 79.3 84.7 87 73.3 80.7 86.7 89 74.7 82.0 88.0 90 76.3 87.3 93.3 96 79.3 87.3 93.3 96 79.3 87.3 93.3 96 80.0 88.0 95.3 98	(FEET)	21		\$ 1	4 AI		2 2%	7 7	V1 7%	¥1 Y	- AI	% AI	*	% Al	≥ 5/16	NI NI	O AI
55.3 59.3 64.7 65.7 65.7 65.7 65.3 64.7 70.0 74.0 75.3 64.0 60.0 64.0 65.3 64.7 70.0 74.0 75.3 64.7 70.0 74.0 75.3 64.7 70.0 74.0 75.3 64.7 70.0 74.0 75.3 64.0 77.3 82.0 82.0 84.0 75.3 75.3 80.7 84.7 87.7 77.3 84.7 87.7 77.3 84.7 87.7 82.0 88.0 90.1 78.7 86.7 97.3 97.3 97.3 97.3 97.3 97.3 97.3 97	NO CEILING		36.7		4	3	4	4		3	3		3	44.7	4		44.
18000 16000	1 20000		24.7		N	3	3	0.49	0.00	0.40	0.49	0.49	0.40	0.40		0.00	0.40
16000 55.3 59.3 63.3 64. 12000 66.0 60.0 64.0 65.3 64. 12000 64.0 60.7 65.3 69.3 70.0 74.0 75.3 80.7 84.0 75.3 80.0 70.0 77.3 82.0 84.7 87.3 80.0 70.0 77.3 82.0 84.7 87.3 80.0 70.0 74.7 82.0 88.0 90.0 70.0 78.3 87.3 84.7 87.8 84.7 87.8 82.0 88.0 90.0 70.0 79.3 87.3 93.3 96.0 79.3 87.3 93.3 96.0 79.3 87.3 93.3 96.0 88.0 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3	> 18000		55.3		33	4	0.49	2.49		64.7	64.7	1.49	04.1	04.1	64.7	64.7	64.
12000 56.0 60.0 64.0 65.3 70.0 74.0 75.3 80.0 75.3 90.0 80.0 80.0 95.3 98.0 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3	≥ 16000		55.3			0.49	0.49	64.7	64.7	64.7	64.7	64.7	2.59	64.7	64.7	64.7	64.7
10000 64.7 70.0 74.0 75 8000 10000 64.7 70.0 74.0 75 1000 10.7 77.3 82.7 84 1000 1			26.0	0	4.		65.3	0.99	0.99	99.0	66.0	0.99	•	0.99	. 9	0.99	0.99
10000  100000  100000  100000  100000  100000  100000  100000  1000000			60.7		6	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
8000         64.7         70.0         74.0         75.3         80.7         65.7         65.2           8000         70.7         77.3         82.7         84			04.1			75.3	5	76.0		16.0	9	76.0	9		16.0	76.0	76.0
2500 70.7 77.3 80.7 84. 84. 84. 84. 84. 84. 84. 84. 84. 84.			64.7	0	•	75.3	75.3	76.0	16.0	76.0	76.0	76.0	16.0	76.0	76.0	76.0	76.0
25000 70.7 77.3 82.7 84.0 84.0 84.0 84.0 85.1 84.0 85.1 84.0 85.1 84.0 85.1 84.0 85.1 84.0 85.1 84.0 85.1 84.0 85.1 84.0 85.1 87.0 86.1 87.0 86.1 87.0 86.1 87.0 87.3 84.1 87.0 87.0 88.0 97.1 97.0 87.3 97.3 97.3 97.3 97.3 97.3 97.3 97.3 9	1		6.69	75.3	80.7	82.7	3.	0.48	0.48		84.0	84.0	84.0	*	0.48	84.0	84.0
2500 70.7 77.3 82.7 84 2500 70.7 77.3 82.7 84 2500 72.0 79.3 84.7 87 2500 72.0 79.3 84.7 87 2500 72.0 79.3 84.7 87 2500 74.7 82.0 88.0 90 1500 78.7 82.0 88.0 90 1600 78.7 86.7 89.3 94 2500 79.3 87.3 93.3 96 2500 80.0 88.0 95.3 98 2500 80.0 88.0 95.3 98			70.7	77.3	82.7		85.3	•	86.0	86.0	86.0	86.0		86.0	86.0	•	86.0
2500 70.7 77.3 82.7 84.0 4500 72.0 77.3 82.7 84.0 4500 72.0 79.3 84.7 87 87 87 87 87 87 87 87 87 87 87 87 87	i		10.7	11.3	82.7		85.3		86.0		86.0	86.0	86.0	86.0	86.0	86.0	86.0
1000 1200 1200 1200 1200 1200 1200 1200			70.7	77.3	82.7		85.3		86.0		96.0	86.0		96.0	86.0	86.0	86.0
1200			71.3	18.7	84.0	86.0	86.1		87.3		87.3	87.3	87.3	87.3	87.3	87.3	87.3
3500 72.0 79.3 84.7 87.8 2500 73.3 80.7 86.7 89 2500 74.7 82.0 88.0 90 90 1500 78.7 82.0 88.0 90 90 78.3 87.3 93.3 96 250 88.0 94.7 95 87.3 93.3 96 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 88.0 95.3 98 250 95.3 98 250 88.0 95.3 98 250 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3			72.0			87.3	88.0	38.7	8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2500 73.3 80.7 86.7 89 2500 74.7 82.0 88.0 90 1500 76.7 82.0 88.0 90 1500 78.0 85.3 91.3 94 1500 79.3 87.3 93.3 96 2500 80.0 80.0 88.0 95.3 98 2500 80.0 88.0 95.3 98			72.0	79.3	84.7	87.3	8		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2500 74.7 82.0 88.0 90 1800 74.7 82.0 88.0 90 1200 78.7 82.0 88.0 90 90 1200 78.7 82.0 88.0 94.7 95 1200 78.7 86.7 92.7 95 1000 79.3 87.3 93.3 96 200 88.0 94.7 97 97 88.0 88.0 95.3 98 200 88.0 95.3 98 80.0 88.0 95.3 98 95.0 88.0 95.3 98 95.0 88.0 95.3 98 80.0 88.0 95.3 98 95.3 98 80.0 88.0 95.3 98 95.3 98 80.0 88.0 95.3 98 95.3 98 80.0 88.0 95.3 98 95.3 98 80.0 88.0 95.3 98 95.3 98 80.0 95.3 98 95.3 98 95.3 98 95.3 98 95.0 95.3 98 95.			73.3	0		89.3	0.06	1.06	7.06	1.06	7.06	1.06	1.06	40.1	90.7	1006	90.7
1200 14.7 82.0 88.0 90 1500 174.7 82.0 88.0 90 1500 178.7 86.7 92.7 95 1000 178.7 86.7 92.7 95 1000 178.7 86.7 92.7 95 1000 179.3 87.3 93.3 96 100 1000 1000 1000 1000 1000 1000 100			73.3			89.3			1.06	40.4			1006	40.1			90.7
1800 74.7 82.0 88.0 90 95.3 94 1500 78.0 85.3 91.3 94 1500 78.7 86.7 92.7 95 1500 79.3 87.3 93.3 95 1500 79.3 87.3 93.3 96 1500 80.0 88.0 95.3 98 1500 88.0 95.3 98 1500 88.0 95.3 98 1500 88.0 95.3 98 1500 88.0 95.3 98 150			74.7	3		7.06	91.3	92.0	0.26	95.0	2	95.0	95.0	92.0	95.0	92.0	92.0
1200 78.0 85.3 91.3 94 1200 78.7 86.7 92.7 95 800 79.3 87.3 93.3 96 800 79.3 87.3 93.3 96 800 79.3 87.3 93.3 96 800 800 8800 98.3 98 100 800 8800 95.3 98	1		74.7		00	1.06	61.9	92.0	0.26	92.0	92.0	92.0	92.0	0.76	92.0	92.0	92.0
1200			78.0		-	3	94.7	95.3	95.3		5	95.3	95.3	95.3	95.3	95.3	95.3
1000 1000			78.7			95.3	0.96	1.96	1.96	96.7	7.96	1.96	26.7	1.96	96.7	97.3	97.3
900 79.3 87.3 93.3 96.00 79.3 87.3 93.3 96.00 500 79.3 87.3 93.3 96.00 80.0 88.0 94.7 97.00 80.0 88.0 95.3 98.00 80.0 88.0 95.3 98.00			78.7			95.3	96.0	1.96	1.96	96.7	1.96	1.96	1.96	46.7	96.7	97.3	97.3
200 79.3 87.3 93.3 96.00 79.3 87.3 93.3 96.00 79.3 87.3 93.3 96.00 87.3 93.3 96.00 88.0 94.7 97.00 88.0 95.3 98.00 88.0 95.3 98.00 88.0 95.3 98.00 88.0 95.3 98.00 88.0 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 98.00 88.00 95.3 95.00 95.00 95.3 98.00 95.00 95.00 95.00 95.00 95.00 95.00 95.00 95.00 95.00 95.3 98.00 95.00 9			19.3	87.3	93.3	0	1.96	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	0.86	98.0
79.3 87.3 93.3 96. 500 79.3 87.3 93.3 96. 500 80.0 88.0 94.7 97. 500 80.0 88.0 95.3 98. 500 80.0 88.0 95.3 98.			79.3	87.3	3	2	1.96	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.0	98.0
200 79.3 87.3 93.3 96. 200 80.0 88.0 94.7 97. 200 80.0 88.0 95.3 98. 200 80.0 88.0 95.3 98.	1		79.3	1	3		1.96	97.3	67.3	97.3	97.3	97.3	97.3	61.3	97.3	98.0	98.0
200 80.0 88.0 94.7 97. 200 80.0 88.0 95.3 98. 200 80.0 88.0 95.3 98.			79.3				96.7	97.3	97.3	97.3	97.3	6.76	97.3	97.3	97.3	0.86	0.86
200 80.0 88.0 95.3 98. 200 80.0 88.0 95.3 98. 200 80.0 88.0 95.3 98.			79.3	1	93.3	0.96	96	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	0.86	98.0
200 80.0 88.0 95.3 98.			80.0	88	1.76	97.3	98.0	7.86		1.86	98.7	7.86	98.7	98.7	98.7		99.3
100 60.0 88.0 95.3 98.			80.0	38.	95.3	98.0	1.86			66.3	666		66.3		66.3	0.00	0.001
100 80.0 88.0 93.3 98.			80.0	88		00	98.7	666	86.3	86.3	66.3	66.3	99.3	99.3	86.3	0.001	0.001
			0.00	88		8		99.3	•	66.3	. 6			66.3	66.3	0.00	0000
≥ 0 80.0 88.0 95.3 98.0			80.0	88	3	8	98.7	6.66	86.8	66.3	66.66	66.3	86.3	66.3	66.3	0000	0001

TOTAL NUMBER OF OBSERVATIONS

150

# CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NG

WHITING PIELD, FLORIDA

93841 STATION

7.3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP HONTH 21 HOURS (C.S.T.)

205

CEILING							VISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(S)						
(FEET)	2	٨١	\$1	1	e Al	≥ 2%	7	VI %1	¥1 VI	- -	% Al	* AI	Z Al	≥ 5/16	AI	0 11
NO CEILING					58.7			58.7	8	6			6	59.3	6	59.3
≥ 20000			•	72.0	3.	73.3	73.3	3		74.0		14.0			•	74.0
V 18000		61.3			73.3		3	73.3	73.3	74.0		14.0	74.0		0.47	74.0
16000		61.3		72.0		73.3	5			74.0	*	74.0	*	74.0		74.0
> 14000								73.3	73.3	74.0	74.0	74.0	0.4		*	74.0
> 12000		61.3		72.0	73.3	73.3		73.3	73.3	74.0			74.0	74.0	74.0	74.0
			73.3			00		78.7		79.3				6		79.3
0006		67.3		78.7	60.08	80.0		80.0		80.7	80.7	80.7	80.7	80.7		80.7
1		72.7						0.88		88.7	8	8		88.7		88.7
7000		74.0	81.3	88.0	0	0.06	0.06	0.06	90.0	1.06	7.06	ò	40.4	1006	4006	1006
1		74.0				0	0	0.06		1.06	0	0	0	4006		1006
2000		74.7	85.0	88.7		1.06	4006		1.06	61.3		-		91.3		91.3
1		74.7		88.7		100	1.06	1.06		91.3	91.3	-	61.3		61.3	91.3
0004		74.7	85.0		1.06	1006	0	40.7	1006	91.3	-	91.	:	91.3	91.3	91.3
1		74.7				0	0	40.1			91.3	5			:	91.3
3000		75.3	82.7	89.3	:	91.3	91.3	91.3		92.0	2	92.	3	92.0	92.0	95.0
1		76.7								63.3	93.3	3	3.	93.3	3	
7 2000		7.97	85.3	95.0		0.46	0.46	0.46	0.46	;	1.46	24.7	1.46		1.46	24.7
1		16.7			•		3	0.46	•		1.46	*	*	3		
2 1500		78.0			3	95.3	6.56	699.3	95.3	0.96	0.96		0	0.96	0.96	0.96
		78.7			•	0.96	•		. 9	. 9	9	•		•	1.96	
1000		79.3			. 9	9	.0	0	9		97.3	-	7.		97.3	97.3
		19.3							9	-				1.		97.3
8		79.3		65.3	61.3	61.6	61.3	6.16		98.0		0.86	8	0.86	0.86	0.86
		19.3		65.3	97.3			61.3	97.3	98.0	0.86		0.86	98.0	0.86	0.86
8		80.0		0.96	0.86	0.86	*	0.86	98.0	7.86	98.7	28.1		98.1	98.7	98.7
		80.0		0.96	0.86	98.0	8	0.86	0.86	7.86	8	98.7		98.7		98.7
8		80.0	89.3	1.96	48.7	786	7.86	98.7	68.7	66.3	•	66.3	66.3	666	•	99.3
		80.0					8	68.7	1.86	. 6	6		6.66			0000
700		80.0		66.7	7.86	7.86		98.7	98.7	88.3	-	99.3		66.3		0000
8		80.0	89.3		68.7	186	1.86	1.86	48.7	6			86.3			0.00
0		0	•	1.96	1.86	1.36		186		86.66	99.3	666	66.66	666	99.3	00.00

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SEP

E

ALL HOURS (1.5.7.)

CEILING									אוסופונון (סושוסוב שונבס)	(2)						
(FEET)	2	٨١	\$9 Al	41	8 Al	1 2%	7	71 71	71 71	-	% Al	*	Z Al	≥ 5/16	AI	٨١
NO CEILING		34.3	40.4		40.6		-	48.1	1.84	8	20	8.84	1.65	1.65		49
≥ 20000		43.9	•			00		60.1	•	0	-	-	-	-	:	61.
≥ 18000		44.0	6.05	•		0.60	6	60.5		6000		61.1	61.3	61.3	•	61.
≥ 16000		44.0	•	2		0	6	0	•	0	-	-	-	-		61.
N 14000		44.2		3		•	0	\$ 09	•	61.2	:			61.6		61.
12000			53.3	58.5		61.9			63.1	3		04.0		*		
		49.3				-	-	8		•	6			69.7		0
000		40.64	•			4.10	00	68.8	•	6						70
1				20		2	3			*	0	3		75.3		15
141		53.3		4.69	73.1						.9					77.
1						*	3			9	0					=
2000		53.9				•	5			9	7.	-		77.3		77.
1		54.1		70.4			5	0			-					78
0004		54.8	•	-			9			-	*	æ		8		
1		55.5	4.59			16.4				78.7	00			19.2		79.
3000		58.2	•			6	0	•		-	3	~		2		
1		59.8		6.91		-	2	83.1		•	*			;		84.
2000		91.6	•	19.3		4	3	3		•	-	-		-		
1		01.6		5.61		4	3			-				87.6		87.
1500		63.6		82.3		7	8	6	•	0	0	0		ċ		
		9.49		83.7		8	0			:	-	•				92.
0001		55.5		85.1		0	-			93.3	3			3		
						0	-	2		3.	3			94.2		94.
8		66.1		85.9		-	2	•		;	;	;		*		
		2.99						93.6		1.56	2	2		2		
8		66.7		86.7		2	3	;			3	3		•		
			29.5				;			1.96	.0	4.96		96.8		97.
N 400		6.99		87.5	5.		*			•	1.	-	97.5	-		
88		9.90	19.8	•		3	3.	62.6	•	97.1	-	91.6		64.6	98.1	96
				6.19	2							0		9		
8		ė.	19.8	0.0	95.0	500	92.6	96.9	5.00	97.8	4.00	4.6	900	200	66.3	
		00.0		21.0	2	5	3			71.0	:			0	27.03	00

TOTAL NUMBER OF OBSERVATIONS

1200

-

DIRNAVOCEANMET

SMOS

93841

0

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

00 HOURS (1.5.7.)

<u> </u>	
PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)
YOFC	SERVA
DUENC	RLY OB
E FREC	NOH V
ENTAG	(FROA
 PERC	

CEILING							VISI	VISIBILITY (STATUTE	ATUTE MILES	(\$)						
(FEET)	2	4 Al	\$ 1	7	1 3	≥ 2%	2 4	VI VI	71 71	- -	% AI	*	Z AI	2 5/16	74	۸۱
NO CEILING			69.7			. 4	5	5.	5	2	5		3.			16.
≥ 20000				19.4	81.9	81.9	82.6	82.6	2	83.2	83.2		83.2	83.2	84.5	84
18000		0.69	76.1	79.4	81.9			82.6	2				3		84.5	84.
2 16000			•	79.4	-	-	2.	2	2			3	3		;	8
> 14000			76.1	19.4				2	2	3.		3	3		*	84.
7 12000			•	80.0	3	2	3	3.	3	*		3	3		2	85
V 10000				-	3.		5	5	5	85.8			85.8			87
98			77.4	81.3	83.9			5	in			3	5		-	87
				-	3	507	in	5	3	9	87.1	-	87.1		8	88
141			77.4	81.3	83.9			5	5	86.5	87.1	87.1	87.1			88
				-		4	5	5	3	-	87.1		87.7		6	89
8 8 8				-	84.5		5	5		87.1		-	87.7			68
		71.0	78.1			5	9	9	9				8			89
88			78.1	2	85.2	25.5		9	9	87.7		8			6	89
1				~	5	50	0	9	9		4.88		88.4		89.7	89
3000						5	-	2	-			6			0	06
1		72.3	19.4		86.5	86.5		-		6	1.68				=	91.
2000				3.		.0	-	-	-	6	89.7	6			=	91.
				3	9	0	7.	-	-	6		6			-	16
8			0	4		-			6	0		-	-	•	3	92
			0	4	7		6	6	6	0		-	-		2	92
1 1				5			0		0	=		3	5		3	
			0	85.2	89.0	0.68		0	0	91.6	92.3	92.3	92.3			63
8		74.2	81.3	187		0	-	-	-	5		2	5.	•	;	*
		74.2			89.7		1	-	-	2.			2.		3	76
8		74.2	81.3	87	1.68		-	-	-	92.3	65.6	3	2		;	*
			8103		0	80.3	1	-	-	2.		3	3.			76
8		74.2	81.3	85.8	6.06	0	-	:	•	95.9		3.	93.6	•	8.46	
		74.8	81.9	87.1	91.6	91.6	93.6	93.6	93.6	1.96	8.96	96.8		8.96	98.1	
7 20		74.8	?	87.7	•	5	3	3	•	98.1			1.86	•	•	0
8		•	87.6	87.7	6.26	92.9	95.5	95.5	95.5	98.1	1.86		186	98.7	0.001	00
		14.8	•	87.1	•	•	3	•	•	98.1	98.		1006	78.		0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 HOURS (1.5.7.) UCT.

S

SMILES							VIS	BILITY (ST	VISIBILITY (STATUTE MILES)	l si						
(FEET)	2	o Al	81	AI AI	e Al	≥ 2%	2 4	V1 V2	VI VI	-	% Al	*	Z Al	≥ 5/16	AI AI	AI
NO CEILING		58.1	9	6	0		3	3.					5	75.5	0	16.
> 20000		61.9	71.0	74.2	75.5	76.8	78.7	78.7	78.7	78.7	19.4	19.4	0	80.7		81.
V 18000		61.9			5				78.7	8	6		0	80.7	81.3	81.
7 16000		61.9	•	74.2	3	•		*		200	6		.0		:	81.
> 14000		61.9			3		8						0	0	-	81.
12000		62.0	•	74.8		77.4	6		19.4	19.4			-	-	-	8
		63.5					-	-	-	-	-		3		3	83
000		63.2	•	76.8	8	0		-	-	-	-		3	3	3	83.
1		63.9		78.1	6		2.	2.			3		2		2	85
788		63.9	•	78.7	0	-	3.	3	4		*		3	5	9	86.
1		63.9		78.7	80.0	-	3.		3		*		5		9	86.
2000		63.9		78.7	0	-	3	3	•	-	;		5	3		86.
		63.9			0	-	3.	3.	10	3	5		0	.0	-	87.
000		63.9		79.4	0	-			3	4	5				87.1	87.
		63.9			0		3.	3.	3	4	5			9		87.
300		64.5			:	N	3	;	4	5	5	82.8	-		-	87.
		65.2									0	86.5		-	88.4	
7000		65.2	•	81.3	2			5	3	•	-	87.1	8	8	6	
		65.2			2.		5	5			-		8	8	6	
1 20		65.2	•	81.3	2		5	3	3		-		8			
1		65.2			3.	4	9			-			6	6		
8		65.2	78.1	63.9		.0		8		0	6	89.7	-		-	91.
		65.2			5			6		6	0		:	-		
8		65.2				87.1	6	6	89.0		0		:	-	2	
		65.2			5	87.1	6	6		0	0		1	-	2	
8		65.2	78.1	83.9	5	87.1	6	6	0.68		0		-		2	
		65.2			2	1.70	6	6	6	6	0		:			
8		65.8	78.7	85.2			0		90.3	-	=		7		3	
		65.8		5		\$ 89	-	-			2		4.			
8 8		66.5	4.64	85.8	87.7	6	93.6	93.6	93.6	94.2	*		;			96.
		66.5	4.61		88.4	1.69	*		2.76		1.96	1.96		1.86	186	66
0		66.5	•	1		1.68	2.56	34.5	2.46	*		1.96	98.1	98.1		00

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

5763 CEILING VERSUS VISIBILITY JAN 7

WHITING FIELD, FLURIDA

73-77

0.6 40 AND SEC 2 T 1 DCT.

3000

OCCURRENCE	VTIONS)
ERCENTAGE FREQUENCY OF OCCURREN	(FROM HOURLY OBSERVATION

CEILING							VISIA	BILITY (ST.	VISIBILITY (STATUTE MILES)	(53						
(FEET)	5 7	٨١	\$ 41	1	e Al	2 2%	7 2	V1 V2	VI VI	-	× AI	*	Z Al	2 5/16	AI	o Al
NO CEILING		38.7	46.5	54.5	8		0	61.3		~	62.6	62.6	63.2	63.	63.2	63.9
≥ 20000		45.6	21.6	0	63.5	3	2		-	•	•		0	10.	•	71.0
7 18000		45.6	51.6	29.4						8	1.69		0	10.	70.3	71.0
> 16000		45.6	31.6	0	63.2	3	65.8		-			69.7	0	70.	0	71.0
> 14000		42.6	51.6			63.2				00	5		3	0	0	
12000		43.2	52.3	0		5					0	0	-	71.	:	
V 10000		45.8	54.8		-	-	0	:		2.	*		5	75.	3	
000		46.5	55.5	63.2	1.	67.7	70.3	72.3		73.6	*	74.8	0	76.		76.8
1		0.65	58.1	5	-	-				-	8	8	0	80.	0	
1 11		0.64	58.1	65.8	-		3				6	19.4	0	609	0	81.9
1		0.65	58.7	0	2.		3			00	0	0	-	81.	1	
200		49.7	59.4		2	72.9				6	0	80.7	-	81.	-	
1		49.7	39.4	-	2	2.	100	1		6	0	0	-	81.	-	3
88		49.7	\$9.4	67.1	73.6	73.6	76.1	78.1	78.1	0	81.3	81.3	82.6	82	N	3
		4.65	59.4	-	3	63		8		0	-	:	2	82.	2.	83.9
900		49.7	59.4	67.1	3	73.6	76.1	78.1	78.1	ò	-	=	2	82.		
1		4.65	59.4	-	. 3	4	9	æ		0	:	-	W	83.	3	84.5
7000		49.7	29.4	67.1	*	74.2	•	8		0	-	-	3	83		
1		4.65	59.4	-	*	3	-	2		-	2.	2	3	83.	3	
8		50.3	0.09	67.7	75.5	75.5		30.0	0		3	83.2	4		;	
		50.3	61.3		9	16.8	6	-		0	*	3	85.8	85.	85.8	
1 11		50.3	61.9	2.69			0	2	2	4	5	85.8	-	20	87.1	88.4
		50.3	6119	69.7	30	02	0	2.		4	5	10	-	8	87.1	88.4
8		50.3	61.	69.7	78.1	78.1	80.7	83.2	3		0	86.5	87.7	8	87.7	
		51.0	.79		78.1	18	1:					-	8	80	88.4	89.7
38		51.0	62.	71.0	80.0	80.0	82.6	3		-	6	89.0	0	90.		91.6
1		51.0	62.			60.	3		0		-	-	7	92.		93.6
8 8		51.0	62.	71.0	80.7	80.7				1.68	0.16	91.0	2	92.3	92.3	93.6
		51.0	62.	0.17	80.1	100	3	8	8	2	3	3	4	94.		96.1
141		51.6	63.2	71.6	81.3	81.3		1.68	6	93.6		94.8	1.96	0	1.96	97.4
		21.6	2.69	-	81.3		85.8	90.3	90.3		65.5	•	0	96		4.66
0		51.6	63.2	71.6	81.3	-	5	•	0	4	'n	3	0	96		0000
		1		1	1	1	1	1	-			1			1	

TOTAL NUMBER OF OBSERVATIONS

155

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

## **CEILING VERSUS VISIBILITY**

WHITING FIELD, FLORIDA

73-77

130

\*\*\*\*

				PERCENTAGE (FROM I	TAGE	INTAGE FREQUEN	UENC LY OB	FREQUENCY OF OCCURRENCE HOURLY OBSERVATIONS)	CTIONS	RENCE					60	
CEILING							VISI	VISIBILITY (STATUTE MILES)	ATUTE MILE	(5)						
(FEET)	2	9 Al	N AI	4	e Al	Z 2%	7	V1 V	¥1 ¥1	- AI	% Al	*	Z Al	2 5/16	× Al	0 1
O CEILING		54.5	1.09	63.2	63.2	20.2	5.69	63.2	63.2	63.2	2.59	2.69	2.50	63.2	m	63.2
Z 20000		0.09	67.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	-	71.0	71.0	71.0	71.0	71.0
		0.09	67.1	70.3	70.3	11.0	71.0	71.0	71.0	71.0	0.17	11.0	1.0	71.0	71.0	71.0
Z 16000		60.7	4.69	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	11.6	71.6	71.6	71.6
		61.3	0.69	71.6	•	12.3	72.3	72.3	12.3	•	72.3	72.3	12.3	12.3	72.3	72.3
¥ 12000		61.9		72.3	72.3	72.9	72.9	72.9	72.9	12.9	72.9	72.9	12.9	72.9	72.9	72.9
		63.9		14.6	3	15.5	15.5	75.5	15.5	15.5		15.5	15.5	15.5	13.5	75.5
000		63.9	72.3	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1		65.8		76.8	78.1	18.1	78.7	78.7	78.7	78.7	78.7	78.7	18.7	78.7	78.7	78.7
700		67.1	75.5	78.1	79.4	0.00	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
1		67.1		18	80.0	80.	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
200		67.1	75.5	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
		67.1	75.5	19.4	80.1	61.3	81.3	81.3	81.3	81.3	81.3	6119	81.3	81.3	E1.3	81.3
900		67.1	75.5	10.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	61.3	81.3	81.3
1		67.7	76.1	0.08	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
3000		67.7	1.94	80.0	81.3	61.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1		67.7	1.97	30.0	81.3	61.9	61.9	81.9	91.9	81.9	81.9	6118	6118	81.9	81.9	81.9
7000		71.0	19.4	63.2	85.2	85.8	85.8	85.8	85.8	8 2 . 8	85.8	85.8	85.8	85.8	85.8	85.8
		71.0	19.4	83.2	85.2	85.8	85.8	82.8	85.8	85.8	85.8	82.8	82.8	85.8	85.8	85.8
1500		72.3	80.7	84.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
		72.9	-4	85.2	87.1	87.7	87.7	87.7	87.7	67.7	87.7	87.7	87.7	87.7	87.7	87.7
000		74.2	85.6	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
		74.2	2	87.1	0.63	49.7	89.7	89.7	89.7	89.7	1.68	89.7	89.7	89.7	89.7	89.7
8		74.2	95.6	87.1	89.7	80.3	90.3	80.3	80.3	8006	80.3	6.06	90.3	8006	90.3	90.3
		14.8	3.58	87.	90.3	91.6	91.6	91.6	91.6	91.6	91.6	911.6	9116	911.6	9116	91.6
8		75.5	83.9	88.4	0.16	92.3	92.3	92.3	92.3	92.3	6.26	6.26	6.76	6.26	95.9	6.26
		75.5		38.4	91.0	85.3	92.3	6.26	95.9	65.6	93.6	93.6	93.6	93.6	93.6	93.6
8		75.5		88.4	91.0	6.36	92.3	6.26	92.9	65.6	93.6	93.6	93.6	93.6	93.6	93.6
		1.91	84.5	89.7	5.	24.5		1.96	1.96		4.16	4.16		97.4	41.4	97.4
38		76.1	84.5	69.7	5.	94.2	34.5	1.96	1006	1096	4.16		. 16	4.16	4.16	4.16
8		9			3	95.5			98.1	8.7	0000	0.00	00	0.	00	0.00
		1691	24.0	89.	93.0	75.3	1006	1.96	98.1	98.7	00.00	00.00	00.00	10.00	0000	0.00

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 CC T

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(53)						
(FEET)	2	٥ ٨١	\$ 1	1	e VI	2 2%	7	V1 V1	V1 V	Ā	% AI	*	Z Al	≥ 5/16	AI	0 11
NO CEILING		67.7	69.0	61.3	61.3	61.3	61.3	61.3	61.3	69.7	61.3	69.7	69.7	69.7	61.3	61.3
VI VI 00081 00081		4.80		00		70.3		00	00		00	00	70.3	70.3	70.3	70.3
		4.83	7.69	0-		70.3	0-		70.3		70.3	70.3		0-		70.3
		71.6	73.6	73.6	73.6	74.	73.6					m *	74.2	w 4	73.6	73.6
VIVI 7000 7000		73.6		76.8	76.8	77.4	76.8	· ·		76.8	76.8	76.8	76.8	77.4		76.8
0008 A1 A1		74.2	76.1	77.4	77.4	7.17	77.4	77.4	4.17	77.4	47.4	4.27	77.4	77.4	77.4	77.4
VI VI 0024 0084		74.2	76.1	77.4	77.4	78.1	73.4	71.4	78.7	78.4	78.7	78.7	78.7	78.7	78.7	77.4
3000		78.7	80.7	83.0	81.9	83.9	84.5	82.0	82.6	82.6	82.0		82.6	82.6	82.6	82.6
200		80.0	83.0	90.3	85.2	90.3	91.0	91.0	91.0	95.8	91.0	91.0	91.0	85.8 91.0	91.0	91.0
		855.8	90.3	92.3	92.3	91.6	92.9	92.3	92.3		92.3	92.9	92.3	92.3	92.3	92.3
8 8 8		85 50		mm.	93.6	mm	3 3	33				3 3	* 5	94.2	94.2	
8 88		00 00 00 00 00 00	91.6	2.50	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1			96.1	96.1
		00 00 00 00 00 00 00 00	91.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.96	96.1	20000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.4	96.8
		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	92.3	nin	1-1				00 00	4.0	100.0	00	00	00		0000

TOTAL NUMBER OF OBSERVATIONS

155

1000

DIRNAVOCEANMET

SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) WHITING FIELD, FLORIDA

15 00

CEILING							VISI	BILITY (SI	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5	N AI	\$ 41	7	E AI	2 2%	2 4	VI 27	V 1 %	-	Al	AI AI	Z IA	≥ 5/16	AI	AI O
NO CEILING		71.6	61.9	611.9	61.9	71.6	61.9	61.9	71.6	61.9	71.6	71.6	71.6	61.9	61.9	61.
VI VI 00081 VI 00081 VI		71.6	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
14000		72.9	72.97	72.9	74.2	74.2	72.9	72.9	72.9	72.9	72.9	74.2	74.2	72.9	72.9	72.97
VI VI 0000 0000			78.7	78.7	200			78.7	78.	78.7	78.7	78.7	79.4	78.7	78.7	78.7
900 7000 7000		80.0	81.	81.9		81.9		82.6	81.	81.9	- 2	81.9	81.9	81.9	81.9	81.9
0006 AI AI		80.7	81.9	81.9	82.6	82.6		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4500		82.6	82.6	82.0	83.2	63.2	83.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3800		83.9	85.2	85.8	86.5	86.5		86.5	-	88.4	9 8	88.5	86.5	88.4	9 8	86.9
	-	807.1	88.	90.3	92.3	91.0	- 22	72.	92.	91.0		91.0 92.3 92.9	91.0	91.0 92.3 92.9	- 22	91.0
8 8 8 8		4.00.0	90.3	92.3	93.6		94.5	93.6		93.6	93.6	93.6	93.6	93.6	93.6	93.6
		89.7	91.	92.9	40	96.1	3 0	94.8	96		4.0		94.8	94.8	94.8	96
VI VI 8 8		89.7	91.6	94.8	97.4	97.4	4.16	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
8 8		89.7	91.6	94.8	98.7	98.7	97.4	98.7	-	97.4	98.7	98.7	98.7	98.7		98.
8 8 N N		89.7	92.9	96.1	100.001	00.00	0.001	100.0	100.00	100.001	100.00	100.0	100.0	100.00	00.00	00
80		89.7	92.9	96.1	100.00	00.00	0.001	100.00	100.001	100.00	100.00	0000	100.00	100.001	00.00	00

0

0

TOTAL NUMBER OF OBSERVATIONS

155

188

SMOS

DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

93341

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (1 S.T.) UC.

100

CEITING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	(5)						
(FEET)	2	۰ ۸۱	50	41	N AI	1 2%	2 41	VI 27.	V 1%	- AI	× AI	* AI	N N	≥ 5/16	VI X	٥
NO CEILING		69.7		71.6	71.6	11.6	71.6	71.6	11.6	71.6	11.6	11.6	11.6	11.6	11.6	11.6
> 20000		77.4		19.4	19.4	19.4	4.64	19.4	79.4	19.4	19.4	19.4	19.4	4.61	19.4	19.4
V 18000		77.4		70.4	19.4	4.6/	79.4	4.64	19.4	79.4	19.4	4.61	19.4	19.4	19.4	19.4
141		77.4		4.61	19.4	19.4		79.4	19.4	79.4	19.4	19.4	19.4	19.4	79.4	79.4
7 14000		78.1		80.1	80.7	80.7		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
12000		80.0		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
		91.9	82.	85.2	85.2	5	3		3	85.2	85.2		85.2	85.2	85.2	85.2
1 1 1		81.9		85.2	85.2	85.2	85.2	5	85.2		3		85.2	85.2	85.2	85.2
1		85.2		4.88	68.4	8		8		88.4	88.4					88.4
1 11		85.6	86.	89.0	6	89.0				0	89.0		89.0	89.0	89.0	89.0
1		85.8	86.	89.7	89.7	1.68		6		6	89.7	89.7	89.7	89.7	6	
900		8 5 . 8		1.68	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1		85.8	86.	89.7	89.7	1.68	0	0	6	89.7	89.7		89.7	89.7	89.7	89.7
1 41		83.00			89.7	89.7	1.68	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1		85.8	1	89.7	89.7	1.68	89.7		6	89.7	89.7	6	89.7		89.7	
3000		87.7		91.6	91.6	91.6	91.6	91.6	91.6	91.6	:	-	91.6	91.6	91.6	91.6
1		88.4		65.6	2		6.26	2.	92.9	92.9	65.6	~	2.		65.6	95.9
7 2000		89.7		8.56	8.46	8.46	3	8.46	*	8.46	;			8.46	8.46	94.8
		2.68		8.56	62.5	5	1	65.5	2	95.5		2			95.5	95.5
141		89.7		8.76	62.5	95.5	5	95.5	95.5	95.5	95.5		95.3	95.5	95.5	95.5
1		90.3		95.5	1.96	96.1	96.1	1.96	1.96	1.96				96.1	96.1	1.96
000		91.0		96.0	4.16	4.16	4.1.6	4.16	4.16	97.4	4.16	97.4	4.16	97.4	97.4	40.16
		91.0	92.		41.4	4.16			4.16	97.4			4.16	97.4	97.4	97.4
8		91.0		4.46	98.1	1.86	98.1	98.1	93.1	98.1	98.1		98.1	98.1	96.1	98.1
		9116	1	98.1	1.86	1.86	68.7	48.7	1.86	98.7	98.7	48.7	48.7	98.7	48.7	98.7
8		9116		7.86	4.66			4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
		91.6	1	7.86	4.66	4.66	4.66		4.66	4.66	4.66	4.66	4.66	4.66	4.66	4.66
8		91.6		28.7	4.66	4.66	4.66	4.66	4.66	4.66	10000	100.001	100.00	10000	10000	0000
88		91.6	93.0		6	6	6	6	•			•	•			
		9110		98.7	4.66	40.66	4.66	\$ . 66	4.66	4.66	•	10000	00.00	00.00	0000	
8		91.6						6	7.66	4.66	•	0.001	0.001	0.00		00.00
		91.0	- 1	18.	4.66	39.4	40.6	99.4	79.4	90.66	0000	100.001	00.00	00.00	0.001	0000

TOTAL NUMBER OF OBSERVATIONS

155

111

D

DIRNAVOCEANMET SMOS

91.6

95.5

95.5 95.5 1006

95.5

95.5

95.5

95.5

95.5

8.46

34.2

92.3

4.88 0.08

95.5

95.5

95.5

95.5 95.5

8.46

34.5 34.8 94.8 34.8

34.5

92.3

88.4 0.68

80.0

88

AI AI

80.0

95.5

95.5

95.5

95.5

65.5

8.46

94.2

34.5 34.5

92.3

88.4

80.0

88

AI AI

95.5 1096 90.1 96.1 98.1 98.7

> 96.1 96.1

1.96

96.1

1.96 1.96

96.1

1.96 96.1

95.5

96.1

1.96

96.1

1.96 1.96

1.96

35.5

94.8 8.56 94.8

65.6

96.1 98.1

1006

1.96

1.96

96.1

1.86

98.1

98.1 98.7

4.16

4.76

8.96

95.5

95.5

89.7 93.6

80.7

88

AI AI

65.6

68.0

0.03

65.6

0.68

80.0

88

AI AI

1.96

1.96

2.46 94.2

90.3

7.86

98.7

96.8

96.8

2.96 94.2

90.3

80.7

88

AI AI

90.96

90.3 6006

80.7

80

AIA

80.7

698.5

1.96

95.5

95.5 95.5 95.5

#### CEILING VERSUS VISIBILITY

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA STATION BANE

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

21 00.

121

88.4 88.4 88.4 85.2 91.0 0.16 9116 0.16 91.0 85.2 88.4 91.0 91.0 91.0 85.2 2.96 85.2 86.5 90.3 34.5 94.8 34.2 91.0 0.16 91.0 91.0 916 34.2 85.2 85.2 85.2 88.4 6.06 91.0 0.16 91.0 2046 94.2 8.76 86.5 2 5/16 88.4 0.16 0.16 9116 0.16 91.0 91.0 016 85.2 88.4 90.3 0.16 85.2 85.2 2.46 34.5 85.2 86.5 85.2 88.4 0.16 9116 91.0 91.0 85.2 0.16 88.4 91.0 2.46 8008 91.0 91.0 2.96 86.5 85.2 94.2 94.8 0.16 88.4 2.46 91.0 0.16 91.0 38.4 85.2 86.5 0.16 0.16 0.16 9.16 7.56 3.46 85.2 90.3 85.2 2.76 85.2 0.16 87.7 88.4 88.4 88.4 88.4 0.16 91.0 91.0 0.16 91.0 91.6 2.76 85.2 86.5 86.5 86.5 94.8 90.3 91.0 94.2 94.2 VISIBILITY (STATUTE MILES) 91.0 8.46 85.2 0.16 91.0 91.0 0.16 91.0 91.6 90.3 91.0 2.76 88.4 88.4 34.5 94.2 94.2 94.0 0.16 85.2 0.16 91.0 91.6 60.3 0.16 0.16 91.0 85.2 0.16 5.46 94.2 6.06 93.6 87.7 93.6 85.8 6.06 6.06 93.6 84.5 84.5 6.06 0.16 90.3 90.3 6.06 2.56 84.5 34.5 89.7 87.1 92.9 6.26 93.6 83.9 0.68 89.7 90.3 92.9 69.7 89. 89.7 89. 85.2 87.1 68.7 89. 93.6 6.26 83.9 65.6 89.7 6006 83.9 87.1 1.68 6.76 0.68 89.7 7.68 85.2 89.7 69.7 89.7 5.99 7.38 91.0 0.16 82.6 82.6 83.9 80.00 85.0 88.4 88.4 88.4 89.0 91.0 91.6 85.6 88.4 82.6 4.88 87.7 83.2 85.2 85.2 65.2 85.2 35.5 83.2 85.8 87.1 85.2 2.68 81.9 83.2 87.1 80.0 87.1 87.7 80.7 80.7 80.7 80.7 19.4 80.0 4.61 4.61 19.4 80.0 4.61 4.61 80.0 76.1 9 NO CEILING

TOTAL NUMBER OF OBSERVATIONS

9.66 4.66 4.66 4.66

7.86

155

SOMS DIRNAVOCEANMET

125M 06181

93841 STATION

(FEET)

VI VI 8000 1 VI 0009 20000

Y 14000

AI AI

800

AI AI

8 8

3000

AI AI

2800

AI AI

88

AI AI

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

93841

ALL - CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	(\$)						
(HEET)	5	o Al	S AI	VI 4	N N	1 2%	N N	VI 72	VI Z	- AI	× AI	*	% Al	≥ 5/16	AI	٨١
NO CEILING		59.6	6.69		-	7.	8				68.6	9.89	6.89	6.89	1.69	2.69
≥ 20000		65.8	•	~	74.4	74.7	78.4	75.7	75.7	75.9		9	76.4	76.4	ė	76.7
18000		6.59	1 -					5		9		76.2	76.5	9	76.7	76.8
00091		0.99	70.8	73.5	74.6	74.8	75.6			•	0			76.5		4.94
1,000		666.3	1 -		5		9				0		0	9		77.3
12000		67.3	72.2	74.8	76.0			77.3	77.3	-	77.7	7.17	78.0		8	78.3
10000					8		6		6	0	0		0	0		81.1
8		69.3	74.7		78.8	6	79.8			0	0		-	-	-	81.3
9008			76.5	0	-		2.	2.		82.9	100		83.6		33.8	
200		71.3	16.9	0		-	82.7		3	3	3					84.6
****			77.0	0	2.	2.	3	3.	3	3				*		84.9
800		71.4	77.1	0	82.1	82.3	83.2	3.		;	84.3			;		85.0
100		71.5	77.3	0	2.	2	3	3		*	84.0			4		3.
900		71.8	77.5	-	85.8	-	;	;		4	85.1			3		85.8
3500		72.3		81.9	3.	83.8	3	85.0	85.0		85.8	85.8	1.98	9	86.4	86.5
3000		72.9	29.0		;	;	Š	3	5	.9	86.7			-		87.4
2500		73.6	19.8		3		9			-	87.1					38.4
2000		74.8	81.2	n.	87.3	-	38.5		8	6	89.6			86.9		90.3
900		75.1		-	-	00		0	6	6	0.06			0		4004
905		75.6	81.9	. 9		8	6	6	6	0	90.06			0		91.3
1200		75.8		86.5	88.9	6				O	1.16			-		91.9
900		76.1	83.2	-	0	0	-	-	:	2	65.3			2		93.1
8		76.2			0		-	-:	91.7	5	2	2	95.8	2.		93.2
8		76.3	83.6	88.°			-		2.	2	3	3		m		
200		76.5	83.9				2.	63.0	93.0		m			4		-
8		76.6		00	-	~	2		3		5	;	4	94.6		
8		76.6	84.0		61.6		3.		93.7		3	;	95.1	95.1		95.5
8		76.8	84.3	6		45.7	3		;	-	5	3		93.8		
300		16.9	84.6			93.5	8.56				61.3	-		-		
200		77.1		6.68	93.6	93.9	2	6.96	96.5			•		98.5	98.7	686
8		77.1		0	93.7	34.1	1.96	•		98.1	8.86	8	99.5		•	8.66
•		77.1	84.8	6.69	93.7	1.56	1.96	6.96	•		3	8	6	6		00.00

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00 NOUNS (1 S T ) VON .

(FEET) NO CEILING NO CEILING NO CEILING NO 18000																
NO CEILING 17 20000 17 18000 17 14000	2	41	<b>S</b> Al	1	AI	2 2%	7 1	VI %	7	~	% Al	*	Z AI	≥ 5/16	7	٨١
VI VIVI VIVI 2000 21,4000		51.3	30	-	9				8	6	59.3	59.3			61.3	
		54.7	50.7	58.7		0	0	-	-	62.7	62.7	62.7		6	1.49	
		54.7	0	58.7			•	:				62.7		63.3	64.7	0.89
14000		54.7	26.7	58.7	6	6	0	-	-	2	•	3		3	1.49	68.0
12000		55.3	57.3				-	2		102	3.	63.3			65.3	68.7
		58.3	57.3			0	61.3	2	2	3	•	3	0.49	;	65.3	68.7
1		57.3	6	-			3.	*	*	5		•			61.3	71.3
800		57.3	59.3	61.3	2	N	63.3		0.49	68.3	65.3	65.3	0.99	•	67.3	71.3
1		58.7			63.3		4.	5		9					68.7	72.7
141		59.3	2.	0.49	100	*	0.99		66.7				68.7	*		74.0
1		59.3	~				9			8	20					14.
200		59.3	62.7	64.7	65.3	5	66.7	67.3	67.3		68.7		69.3		70.7	74.7
		59.3	2	. 5		3		-			80		69.3	6		14.
1 41		59.3	62.7	64.7	65.3	5	•	-	•	00			66.3	6	70.7	74.7
1		59.3	2	4		3		-		8				-		14.
3000		61.3					6	0	70.0	:			72.0	2	73.3	77.3
1		62.7	9	000	68.7	92		-:		3	2.	•		3		78.
7 2000		64.7	68	0		0	2.			*				3		80.1
		64.7	68	0.07	ċ	ċ		3		*	14.1			5		80.
1500		04.7	68	ċ	•	-	•	*	•		3		•	•	78.0	82.0
		65.3	68.	ċ				*	•	•						82.7
1000		66.0	0,	2	73.3	•		9		-	77.3			8	-	84.0
		66.7	=	3.				-						0	81.3	
8		66.7	72.	74.0	15.3	5								0	-	86.0
		68.0	13.	15.3	17.3			0		81.3			85.0	2	0.49	
8		68.7	1	76.0	78.7	•		-	•	2	83.3			4.	86.0	90.0
		69.3	74	9	0	19.3		82.0	85.0	•	84.		85.3	9	87.3	92.0
N 40		20.0	1		80.0	0		83.3	83.3	*	86.0	86.0	80.7	-	88.7	93.3
88		70.0	75.3	77.3	80.7	80.7	m m	34.0	84.7	85.3	88.0	68.0	88.7	89.9	90.7	95.3
8		10.0	75.3	77.3	1.08	80.1	83.3	84.7	84.7	0.88	89.3	6.68	611.3	92.0	63.3	98.
١٨١		20.0		77.3	80.7	80.7		84.7	84.7			89.3	61.3	•	93.3	00.00

0

TOTAL NUMBER OF OBSERVATIONS

150

...

SMOS DIRNAVOCEANMET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

93841

03 HOURS (1.5.7.) NOV

2

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

210 26 25 24 23 22h 23 34.0 34.0 34.0 34.0 36.7 36.7 36.7 36.7 36.7 37.3 37.3 37.3	CEILING						VISI	VISIBILITY (STATUTE MILES)	ATUTE MILI	£S)						
54.0 56.0 58.0 58.7 58.7 59.3 59.3 59.3 62.0 52.0 75.0 75.7 75.7 75.7 75.7 75.7 75.7 75	(FEET)									_ AI		*			VI N	٨١
54.0 56.0 58.0 58.7 58.7 59.3 59.3 50.3 62.0 62.0 62.0 62.7 62.7 62.7 56.7 56.0 58.0 58.7 58.7 59.3 59.3 59.3 62.0 62.0 62.0 62.7 62.7 62.7 56.7 56.7 58.7 59.3 59.3 59.3 59.3 62.0 62.0 62.0 62.7 62.7 62.7 58.7 59.3 59.3 59.3 59.3 59.3 62.0 62.0 62.0 62.7 62.7 58.7 58.7 58.7 59.3 59.3 50.0 60.0 60.0 62.0 62.7 62.7 62.7 62.7 62.3 63.3 59.3 56.7 58.7 58.7 58.7 59.3 59.3 50.0 60.0 60.0 60.0 62.7 62.7 62.7 62.7 62.3 63.3 59.3 59.3 50.0 60.0 60.0 62.0 62.7 62.7 62.7 62.3 63.3 59.3 59.3 50.0 60.0 60.0 60.0 60.0 60.0 62.7 62.7 62.7 62.7 62.3 63.3 59.3 59.3 59.3 59.3 59.3 59.3 64.0 64.0 64.0 64.7 64.7 64.7 64.7 64.7 64.7 64.7 64.7	NO CEILING	48.7		52.7		3.	4		4.		56.1	56.1	51.3		8	60.7
54.0 56.0 56.0 56.7 56.7 59.3 59.3 59.3 62.0 62.0 62.0 62.0 62.7 62.7 62.7 62.7 62.7 62.7 62.7 62.7	¥ 20000	54.0		00		8	6		6	2	5				63.3	66.0
54.0 56.0 58.0 58.7 59.3 59.3 59.3 59.3 62.0 62.0 62.0 62.7 62.7 63.3 63.3 54.7 56.7 58.7 59.3 59.3 60.0 60.0 60.0 62.7 62.7 62.7 63.3 63.3 56.7 56.0 60.0 60.0 62.7 62.7 62.7 63.3 63.3 63.3 56.7 56.7 56.0 60.0 60.0 62.7 62.7 62.7 63.3 63.3 63.3 56.7 56.7 56.3 60.0 60.0 62.7 64.7 64.7 64.7 64.7 64.7 64.7 64.7 64	V 18000	54.0		58.0	58.7	58.7			6	2.	3				3	0.99
54.7 56.7 56.7 58.7 59.3 59.3 60.0 60.0 62.7 62.7 62.7 62.7 63.3 63.3 63.3 54.7 56.7 56.7 56.7 59.3 59.3 60.0 60.0 62.0 62.7 62.7 62.7 63.3 63.3 63.3 55.7 56.7 56.7 56.7 61.3 61.3 61.3 62.0 62.0 62.0 64.7 64.7 64.7 64.7 65.3 67.3 67.3 67.3 67.3 67.3 67.3 67.3 67	16000	54.0		00		58.7	6		6	2	3			62.7	63.3	0.99
54.7 56.7 58.7 58.3 59.3 59.3 60.0 60.0 60.0 62.7 62.7 62.7 63.3 63.3 63.3 65.3 65.3 65.3 65.3 65.3	> 14000	54.7	56.7	58.7	6		0	0		2.		2.		63.3		66.7
10000   56.7 58.7 66.7 61.3 61.3 62.0 62.0 64.7 64.7 64.7 64.7 65.3 65.5 5 50.0 50.0 55.7 58.7 56.7 56.1 61.3 62.0 64.7 64.7 64.7 64.7 64.7 64.7 64.7 64.7	12000	54.7				0	0	0	0	2		N		3	0.49	199
56.7 58.7 66.7 61.3 61.3 61.3 61.3 62.0 62.0 62.0 64.7 64.7 64.7 64.7 65.3 65.3 65.0 68.0 68.0 68.0 68.0 68.0 61.3 61.3 63.3 64.0 64.7 64.7 64.7 67.3 67.3 67.3 67.3 67.3 68.0 68.0 68.0 68.0 68.0 61.3 61.3 63.3 64.0 64.0 64.7 64.7 67.3 67.3 67.3 67.3 67.3 68.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0		56.7		60.7		-	2	2.	2.				3	0	9	68.7
58.00 51.3 63.3 64.0 64.7 64.7 64.7 67.3 67.3 67.3 66.0 68.0 68.0 58.0 68.0 68.0 68.0 68.0 68.0 68.0 68.0 6		56.7		0	=	-	2.	2.	2			4	3		0.99	68.7
7000 58.0 61.3 63.3 64.0 64.7 64.7 64.7 67.3 67.3 67.3 68.0 68.0 68.0 68.0 58.0 61.3 63.3 64.0 64.0 64.7 64.7 64.7 67.3 67.3 67.3 67.3 68.0 68.0 68.0 58.7 67.3 67.3 67.3 67.3 67.3 67.3 68.0 68.3 69.3 450.0 58.7 62.7 64.7 65.3 65.3 65.3 65.3 65.3 65.0 66.0 66.0 66.0 66.0 66.0 68.7 68.7 68.7 68.7 68.3 69.3 70.0 70.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69	ł	58.0		63.3	4	4	3		4		-		0	•	6	72.0
58. 7 62. 7 64. 7 65. 3 65. 0 66. 7 65. 0 65. 0 68. 7 68. 7 68. 7 69. 3 69. 3  58. 7 62. 7 64. 7 65. 3 65. 3 65. 0 65. 0 65. 0 68. 7 68. 7 68. 7 69. 3 69. 3  58. 59. 3 65. 3 65. 3 65. 3 65. 0 66. 0 66. 0 68. 7 69. 3 69. 3 70. 0 70. 0  59. 3 65. 3 65. 3 66. 0 65. 0 66. 7 66. 7 65. 3 69. 3 69. 3 72. 7 72. 7  50. 59. 3 65. 3 68. 0 65. 0 66. 7 66. 7 65. 3 69. 3 69. 3 72. 0 72. 0 72. 7  50. 50. 51. 3 65. 3 68. 0 65. 0 66. 7 66. 7 66. 7 69. 3 69. 3 69. 3 72. 0 72. 0 72. 0 72. 0  50. 52. 7 68. 0 70. 7 71. 3 71. 3 72. 7 72. 7 72. 7 72. 7 72. 7 72. 7 72. 7 72. 7  50. 52. 7 68. 0 70. 7 71. 3 71. 3 72. 7 72. 7 72. 7 75. 3 75. 3 75. 3 75. 3 75. 0 76. 0		58.0		3	4	*	3	3		-	-	-			69.3	72.0
586. 7 62. 7 64. 7 65. 3 65. 3 66. 0 66. 0 68. 7 68. 7 68. 7 68. 7 69. 3 69. 3  59. 3 63. 3 65. 3 66. 0 66. 0 66. 0 66. 0 68. 7 68. 7 68. 7 69. 3 70. 0 70. 0  59. 3 63. 3 65. 3 66. 0 66. 0 66. 7 66. 7 69. 3 69. 3 69. 3 70. 0 70. 0  59. 3 63. 3 65. 3 66. 0 66. 0 66. 7 66. 7 69. 3 69. 3 69. 3 70. 0 70. 0  50. 0 61. 3 65. 3 66. 0 66. 0 66. 7 66. 7 69. 3 69. 3 69. 3 72. 7 72. 7  520	1	58.0		63.3	3	4	64.7	1.49		-	-	-		9	66.3	72.0
59.3 63.3 65.3 66.0 66.7 66.7 66.7 69.7 68.7 68.7 68.7 68.7 67.3 69.3 69.3 69.3 59.3 65.3 65.3 66.0 66.7 66.7 66.7 66.7 69.3 69.3 69.3 69.3 70.0 70.0 3500 59.3 63.3 65.3 66.0 66.0 66.7 66.7 66.7 66.7 66.7 67.3 69.3 69.3 70.0 70.0 70.0 72.7 72.7 72.7 72.7 72.7		58.7		4	5			9	9	8	8	8			70.7	73.3
59.3 63.3 65.3 66.0 66.7 66.7 66.3 69.3 69.3 70.0 70.0 70.0 3500 59.3 63.3 65.3 66.0 66.0 66.7 66.7 69.3 69.3 69.3 70.0 70.0 70.0 3500 61.3 63.3 65.3 66.0 66.0 66.7 66.7 69.3 69.3 69.3 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70	1	58.7			2	12	3	0	5	30	8					73.3
59.3 65.3 65.3 65.0 66.0 66.7 66.7 66.7 69.3 69.3 69.3 72.0 72.0 72.7 72.7 72.7 72.7 72.7 72.7		59.3	63.3	50	9		÷		48		0		0		:	74.0
5000 60.7 64.7 67.3 68.0 66.0 69.3 69.3 69.3 72.0 72.0 72.0 72.7 72.7 72.7 72.7 72.7	1	59.3	63.3	65.3	9	0	:	0		6	5	6	5	0	11.3	74.0
5200 61.3 65.3 68.0 68.7 68.7 70.0 70.0 72.7 72.7 72.7 73.3 73.3 73.3 73.3 2000 62.7 68.0 70.7 71.3 71.3 72.7 72.7 72.7 75.3 75.3 75.3 75.0 76.0 76.0 1800 62.7 68.0 70.7 71.3 72.0 72.7 72.7 72.7 75.3 75.3 75.3 75.0 76.0 76.0 1800 62.7 68.0 71.3 72.0 72.0 73.3 73.3 73.3 75.3 75.3 75.3 75.0 76.0 76.0 76.0 76.0 76.0 76.0 72.0 73.3 74.0 74.0 74.0 75.3 75.3 75.3 75.3 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0		60.7	64.7		*			6	0	3.	5	2	2	5		76.7
2000 62.7 68.0 70.7 71.3 71.3 72.7 72.7 72.7 75.3 75.3 75.3 75.0 76.0 76.0 1500 62.7 68.0 70.7 71.3 71.3 72.7 72.7 72.7 75.3 75.3 75.3 75.3 75.0 76.0 76.0 1500 62.7 68.0 71.3 72.0 72.0 73.3 73.3 75.3 76.0 76.0 76.0 76.0 76.7 76.7 76.7 78.0 78.0 78.0 78.0 78.0 78.0 78.0 78	1		65.3	68.0	00	000	0					2			74.7	77.3
1200 62.7 68.0 70.7 71.3 71.3 72.7 72.7 75.3 75.3 75.3 75.3 75.3 76.0 76.0 76.0 76.0 76.7 76.7 76.7 76.7		62.7		C	-		3								77.3	80.0
1200 64.7 70.0 73.3 72.0 75.3 75.3 75.3 76.0 76.0 76.0 76.7 76.7 76.7 78.7 78.7 78.7 78.7 78.7	1	62.7		1001			72.7	72.7	72.7		5				77.3	80.0
1200 64.7 70.0 73.3 74.0 75.3 75.3 75.3 78.0 78.0 78.0 78.0 78.7 78.7 1800 66.0 72.0 75.3 76.7 76.7 78.0 78.0 80.7 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3		62.7		71.3	2					0				76.7	78.0	80.7
000 66.0 72.0 75.3 76.7 76.7 78.0 78.0 80.7 80.7 80.7 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3	1	64.7	70.0	73.3		74.0	75.3			8		8	78.7			82.7
500 56.0 72.0 75.3 76.7 76.7 78.7 78.7 81.3 81.3 81.3 82.0 52.0 82.0 56.0 72.0 75.3 76.7 76.7 78.7 78.7 81.3 81.3 81.3 81.3 82.0 52.0 56.0 72.0 76.0 77.3 76.7 76.7 78.7 78.7 81.3 81.3 81.3 81.3 81.3 81.3 82.0 82.0 82.0 82.0 65.0 72.0 76.7 78.0 78.0 80.0 80.0 80.0 82.7 82.0 82.0 82.0 82.0 82.0 82.0 65.0 72.0 76.7 78.0 78.0 80.0 80.0 80.0 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7		0.99	72.0		76.7	76.7		•			0	0	81.3	81.3		
500 56.0 72.0 75.3 76.7 76.7 78.7 78.7 81.3 81.3 81.3 81.3 82.0 82.0 82.0 65.0 72.0 77.3 77.3 79.3 79.3 79.3 82.0 82.0 82.0 82.0 82.0 66.0 72.0 76.7 78.0 78.0 80.0 80.0 80.0 82.7 82.7 82.7 82.7 84.0 84.0 84.0 84.0 84.0 85.3 85.3 85.3 80.7 86.7 80.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82		0.99	72.0		76.1	16.1	18.1			81.3	81.3	:	82.0	95.0	83.3	86.0
500       66.0       72.0       76.0       77.3       79.3       79.3       79.3       79.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       83.3       85.3		0.99	72.0		76.7	16.7	78.7	•	78.7	81.3	81.3	81.3		85.0	83.3	
500 66.0 72.0 76.7 78.0 78.0 80.0 80.0 82.7 82.7 82.7 84.0 84.0 84.0 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3	1	999		16.0	77.3	17.3	79.3	•	0		82.0		83.3	83.3		87.3
500 66.0 72.7 77.3 79.3 79.3 81.3 81.3 81.3 84.0 84.0 84.0 85.3 85.3 85.3 40.7 86.7 86.7 86.7 85.7 85.3 85.3 85.3 85.3 85.3 86.7 86.7 86.7 86.7 86.7 86.7 86.7 86.7		0.99	72.0				0		0						85.3	88.0
200 67.3 74.0 78.7 80.7 80.7 82.7 82.7 85.3 85.3 85.3 85.3 86.7 86.7 20.7 85.7 85.3 85.3 85.3 85.3 86.7 86.7 20.0 68.0 74.7 79.3 81.3 81.3 83.3 83.3 83.3 86.7 86.7 86.7 86.7 88.0 88.0 100 68.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 86.7 86.7 87.3 89.3 89.3 89.3 80.7 86.7 87.3 87.3 89.3 89.3 80.7 86.7 87.3 87.3 89.3 89.3		0.99	72.7		19.3	19.3		-:		1	100		85.3			
200 68.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 86.7 86.7 86.7 86.0 88.0 100 68.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 86.7 86.7 86.7 87.3 89.3 89.3 68.0 68.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 86.7 86.7 87.3 89.3 89.3 68.0 68.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 87.3 87.3 90.7 90.7		67.3						•		220.00						90.7
200 68.0 74.7 79.3 61.3 81.3 83.3 83.3 86.7 86.7 86.7 86.0 88.0 100 58.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 86.7 86.7 87.3 89.3 89.3 83.3 86.7 86.7 87.3 87.3 89.3 89.3		-	4	78.7		80.		82.7		85.3			86.7			90.7
100 58.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 87.3 87.3 80.7 90.7			*		-		3	83.3	3				00		69.3	95.0
68.0 74.7 79.3 81.3 81.3 83.3 83.3 86.7 87.3 87.3 90.7 90.7		8	3		-	61.3	3			0		•		666		0.46
		8	74.7		81.3	610	3.		3			:		1006	92.7	00.00

TOTAL NUMBER OF OBSERVATIONS

150

8010

(1)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLORIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06 NGV

MO CELLING  NO CELLING  NO CELLING  NO 13000  NO 12000  NO 12000	2 1	W — W W W W W W W W W W W W W W W W W W	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	N	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	i mmmmm	VI 000000000000000000000000000000000000	*	2 % 50.0 56.0 56.0	20.7 50.7 56.7 56.7	2 5/16 20.7 56.7 56.7	25.0 58.0 58.0	a m
NO CEILING 1200000 120000 120000 120000 120000 120000 120000 120000 120000 1200000 1200000 1200000 1200000 1200000 1200000 1200000 1200000 12000000 12000000 12000000 120000000 1200000000		- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M 0 0 0 0 0	400000448000000	00000000000	000000000000000		# mm mm		0 4 4 4 4 4 6 6 0 0 0 0 0		000	56.7	56.7 56.7 56.7	N 00 K	n .
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000000	00000448000000	22200000000	2000000000000		mmmm-r-i-i-i	mmmmh	4 4 4 4 4 6 6 0 0 0 0		90	56.7	56.7	œ x	•
		www.r.000000	00000	00004400000000	22220000000	00000000000	のあるででしょう	mmmm	mmmm	3 4 4 4 8 8 0 0 0 0 0				56.7	X	000
		4444444 6000000000000000000000000000000	00004444444	0004480000000	222000000	NNN0000000	*******	mmm	前前でいるこう	3 3 3 5 5 5 7 7 7				56.7	;	60.
12000 12000 1710 1710 1710 1710 1710 171		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	00	004400000000	22000000	NN0000000	****	mm	mm	3 4 80 80 80 80		•			58.0	60.0
		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8	04400000000	2000000	N0000000	****	***	***	4 00 00 00 00			50.7	56.7	8	909
The second second		* # 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4 4 80 80 80 80 80	000000	0000000				8 8 8 8 8		56.0	56.7	56.7		60.
and the second second		20000000000000000000000000000000000000	- 4 4 4 4 4 4	4 00 00 00 00 00	00000	000000				0000		1.09			62.7	99
		20.00	* * * * * *		0000	00000				200	60.7	60.7	61.3		62.7	
		50.00	4 4 4 4 4	00 00 00 00 00	000	0000				20	64.1	:				70.0
		20.00		00 00 00 00	50	000				0	64.7	64.7			67.3	0.0
1		20.00	3 3 4	00 00 00	6	00	-	-			64.1	:			67.3	70.
9006		50.0	3 3	00 00		0	-	1	1		64.7	:			67.3	70.0
1		50.0	4	00				:	•	2.		:			-	10.
1 4 1 4 1 4 1 4 1	+		•		59.3	0	2	2.	62.0	62.7	65.3	65.3	66.7	66.7	68.0	7.
1	-	50.7	*	58.7	0.09	0		2.	2.	3	9	:				72.
3000		52.0	56.7	60.7	62.0			64.7	4	65.3	0.89		69.3	69.3	70.7	74.
1		52.7	0.85	2	63.3			9		9	69.3	69.3				76.
7000		54.0		63.3	64.7	5	67.3	67.3	67.3	68.0	7.07	•		72.0		77
		24.0	5	3	64.1	50		1:		00						77.
1 1 200		54.0	56.3	63.3	64.7	6.89	61.3	67.3	67.3	68.0	70.7	70.7	72.0		73.3	
1		24.0	6		1.49	65.3	67.3	67.3	67.3	68.0	70.7	10.7	72.0	72.0	74.0	78.
000		55.3	61.3	65.3	1.99	-	*		69.3	ċ	72.7	72.7				
		55.3			1.99		.3	69.3		70.0	72.1	12.7		74.0	76.0	80.
8		56.0	62.7	67.3	68.7	0	71.3		71.3	2	74.7		76.0		78.0	82.
		56.7	1.49		71.3	12.0		14.1	74.7		78.0	18.0		79.3	81.3	85.
8		58.0	0.99	71.3	72.7	10	76.0	76.0	76.0	. 9	79.3			80.7	82.7	86.
1		58.0	1.99	72.0		14.1		77.3		78.7	:		82.7	82.7		88.
8		59.3	68.0		76.0	76.7	79.3		79.3	80.7		83.3				06
		0.09	68.7		76.7			80.7	80.7	82.7	85.3		86.7	86.7	88.7	92.
8 141			-	75.3	77.3	78.0	82.7	83.3		85.3	88.0	88.0	89.3		-	
8 4		0.09	-		77.3		82.7	83.3	83.3	9	88.7	68.7	0.06	0.06	2.	96
٥			68.7	73.3	17.3	78.0	100000	3	83.3	86.0	88.7		•	0	93.3	00

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING PIELD, FLORIDA

93841

73

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Į.

NOV MONTH 09 MOURS (1.5.7.)

No Celling	CEILING						VISIA	VISIBILITY (STATUTE MILES)	ATUTE MILE	(5)						
48.0 52.0 54.7 47.3 48.0 48.7 48.7 47.3 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50	(FEET)		5 41	7	1		1			-	1		1	8	1	AI
48.0 52.0 54.7 55.3 50.0 56.0 56.7 55.7 57.3 57.3 57.3 57.3 57.3 57.3 57	O CEILING	41.3	*	67.3	8	œ.			6		0	01	0	0	å	
48.0 52.0 54.7 55.3 50.0 56.7 56.7 57.3 57.3 57.3 57.3 57.3 57.3 57.3 57	1 20000	48.0	35.	24.1	5	0			0	-		:	-			
46.0 52.0 54.7 55.3 59.0 56.7 56.7 57.3 57.3 57.3 57.3 57.3 57.3 57.3 57	V 18000	48.0	55.	54.7	3	0	. 9			-		57.3		•	:	57.3
46.0 \$2.0 \$4.7 \$5.3 \$5.0 \$6.0 \$6.7 \$5.7 \$5.7 \$5.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7.3 \$7	Z 16000	48.0	35.	54.7	5	9	9		9	-				•	-	57.3
48.7       52.7       55.3       56.0       56.7       57.3       57.3       58.0	N 14000	48.0	32.	54.7	5	9	9		0					•	:	
10000 50.0 54.0 56.7 57.3 58.0 58.0 58.7 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3	12000	48.7	.75	55.3		9			-	8	*	8		œ	9	-
90.0 54.0 54.0 56.7 57.3 58.0 58.7 58.7 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3		20.0	. 40	56.7	-	00	8		00)	6		59.3	6	6		
\$5.0 \$5.3 \$58.0 \$1.3 \$62.0 \$63.3 \$64.0 \$64.0 \$65.3 \$65.3 \$65.3 \$65.3 \$65.3 \$65.3 \$65.3 \$65.3 \$65.3 \$65.3 \$65.0 \$66		50.0	. 45	56.7	-	80			8	6		6		6		
7000 54.0 58.7 62.0 62.7 64.0 64.7 64.7 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66	1	53.3	8	-	2		3			5		3.		5		65.3
54.0 58.7 62.0 62.7 64.0 64.0 64.7 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66		24.0	8	-	2	•	*			9				•		99
56.0         58.7         62.0         64.0         64.7         64.7         64.7         64.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         66.0         67.3 <th< td=""><td>1</td><td>24.0</td><td>8</td><td></td><td>2.</td><td></td><td>*</td><td></td><td></td><td>9</td><td></td><td></td><td></td><td>.0</td><td></td><td>999</td></th<>	1	24.0	8		2.		*			9				.0		999
55.3 60.0 63.3 64.0 65.3 65.0 66.0 67.3 67.3 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7		24.0	.8		7		*			0				9		999
55.3 60.0 64.7 65.3 66.7 66.7 66.7 68.0 68.0 69.3 69.3 69.3 69.3 69.3 69.3 69.3 69.3		55.3	0		3		5.									67.3
56.0 60.7 65.3 50.0 67.3 67.3 68.0 68.0 69.3 69.3 69.3 69.3 69.3 69.3 69.3 50.0 50.0 56.7 61.3 66.7 66.7 68.0 68.7 70.0 70.0 70.0 70.0 70.0 70.0 70.0 7		55.3	.00		5		.9							8		68.1
56.7 61.3 66.0 66.7 68.0 68.7 70.0 70.0 70.0 70.0 70.0 70.0 70.0 7	1	56.0	00		0		-	8		6				6		69.3
57.3 62.0 66.7 67.3 68.7 69.3 69.3 70.7 70.7 70.7 70.7 70.7 70.7 70.7 70		56.7	11.	9		8	8			0				0		70.0
2000 57.3 62.0 68.0 68.7 70.0 70.0 70.7 72.0 72.0 72.0 72.0 72	1	57.3	52.		-	8										70.
1300 57.3 62.0 68.0 68.7 70.0 70.1 70.7 72.0 72.0 72.0 72.0 72.0 72.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 1		57.3	.7	00	8	0	ò								•	72.0
1500 58.7 64.0 70.7 71.3 72.7 72.7 73.3 75.3 75.3 75.3 75.3 75.3 75.3 75	1	57.3	.7		8	0	0							•		72.0
1300 59.3 65.3 72.0 73.3 74.7 75.3 75.3 77.3 77.3 77.3 77.3 77.3 77		58.7	. 45		-	2	2			•	•			•		75.3
000 60.7 66.7 73.3 74.7 76.0 76.0 77.3 79.3 79.3 79.3 79.3 79.3 79.3 79.3			65.3		3		*					77.3		•		77.3
500 68.0 74.7 76.0 77.3 78.7 78.7 80.7 80.7 80.7 80.7 80.7 80.7		-	2009		*	•	.9			6		79.3				79.3
65.3 72.7 80.0 81.3 84.7 86.7 88.7 88.7 88.7 88.7 88.7 88.7 88		62.0			. 9		-			0		80.7		0		80.
500 65.3 72.7 80.0 81.3 83.3 84.7 86.7 88.7 88.7 88.7 88.7 88.7 88.7 88		64.0	0	-		•	-					85.3			85.3	85.3
500 67.3 74.7 62.7 84.0 86.0 88.0 88.0 90.0 90.0 90.0 90.0 90.0 90		65.3	2	0	-	3	3			8		88.7		8	88.7	88.7
500 67.3 74.7 62.7 84.0 86.0 87.3 89.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 9			74.0	-	2	*	.9			0		0.06			90.0	
500 67.3 74.7 82.7 84.0 86.0 87.3 89.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 9			14.7		*	•			6	91.3		61.3		6116	61.3	91.3
200 67.3 74.7 82.7 84.7 87.3 90.0 92.7 94.7 94.7 94.7 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3			74.7			•	87.3		6	91.3		91.3		91.3	91.3	91.3
100 67.3 74.7 82.7 84.7 87.3 90.7 93.3 96.0 96.0 96.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98		67.3	74.7			27.3	0	92.7		94.7		94.7		95.3	95.3	95.3
67.3 74.7 82.7 84.7 87.3 90.7 93.3 93.3 96.0 96.0 98.7 99.3100.010		67.3	14.7		34.7	67.3	0 0			,		. 0				98
		67.3	74.7			87.3	5 6	•	•	9		. 9				00

TOTAL NUMBER OF OBSERVATIONS

150

101

DIRNAVOCEANMET SMOS

Ha ...

SELL

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOV MONTH

Ē

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	71	٨١	\$0 A1	*	K 41	₹ 2%	7 1	¥1 ¥	¥1 ¥	- AI	% Al	* 11	۸۱ ۲	≥ 5/16	NI N	0 11
NO CEILING		46.7	48.0		8	80		8	8	8	48.0				48.0	48.0
> 20000		53.3		55.3	55.3	3	55.3	55.3	•	5	55.3	55.3			55.3	55.3
		53.3	3	55.3	55.3	55.3		55.3	•	5		55.3	55.3		55.3	55.3
16000		53.3		55.3	2	5	3	2	2.		55.3	2			55.3	55.3
> 14000		53.3		55.3	55.3	•		55.3	5	5		5			55.3	55.3
7 12000		54.0		26.0	26.0	9		26.0	26.0	9	86.0				26.0	26.0
		57.3	2	59.3	59.3	6		6	6	6	59.3	59.3	59.3			59.3
000 1 A1		58.0		0.09	0.09	0.09		0.09	0.09	0.09	0.09	:	0.09		0.09	60.0
1		0.09	9		62.0					2.	62.0		0.29			62.0
141		0.09	9	62.7	2	2	3	2	62.7	2.	3		62,7			62.7
1		61.3	63.			4	*			4.		:	0.49		4	0.09
200		62.0	64.	64.7	64.7	4.	1.49	64.7	64.7	*	64.7	64.7	64.7		1.49	64.7
1		62.0	99	64.7	64.1	4	3	5	5	5	3	3	65.3		3	65.3
1 11		63.3	65.3	0.99	0.99	0.99	66.7	66.7	1.99		1.99	1.99	1.99		1.99	66.7
		0.49	99	66.1			-			-						67.3
300		66.7	68	69.3	9	0	0	70.0	0	0					20.0	70.0
		10.0	12.	73.3	73.3	3	*	3		4						74.0
1 1 1		73.3	75.3	76.7	76.7		77.3			7.	77.3		77.3		77.3	77.3
1		74.0	0		77.3		00	80								78.0
141		78.7	•	83.3	83.3	3		;	*	3	•					84.0
		83.3		89.3		6				0						0.06
8		84.7		91.3	91.3	91.3	2	2	2.	2.	•			•	95.0	95.0
1		84.7		91.3	61.3	-	92.0	0.26		3	•	0.76	0.26		0.26	
8		84.7	89.3	2.	95.0	2.			92.7	2	92.7	92.7	92.7		92.7	
1		84.7	89.3	•	95.0	95.0		92.7		2	•		92.7			92.7
8		85.3	30.0		93.3	3		0.46	0.46	;	•		0.46	•	0.46	0.46
		86.7	61.3		1.50		95.3		0		0.96	0.96	0.06		0.96	0.96
141		87.3	95.0	68.3	65.3	95.3	0.96	1.96	1.96	1.96	1.96	1.96	46.7	96.7		96.7
		87.3	1.26	0.96		0.96	1.96	61.3	97.3	8	0.86	0.86	0.96		0.86	0.86
141		87.3	92.7	1.96	1.96	1.96	97.3	0.86	98.0		98.7	1.86	98.7	•	7.86	98.7
		87.3	45.7	1.96	1.96	1.96	97.3	0.86	0.86	1.86	1.86	1.86	0.001	0.001	0000	0000
1 1 1		87.3	92.7	1.96	1.96	96.7	61.3	0.86	98.0	98.7	1.86	98.7	•	100.001	0000	0000

150

TOTAL NUMBER OF OBSERVATIONS

-

93841

0

0

0

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) WHITING FIELD, FLURIDA

15 HOURS (1 5 T.) NON

200

0

0

0

5763 CEILING VERSUS VISIBILITY JAN 78

_	V	2.5	4	e VI	≥ 2%	7 7	VI 7/2	¥1 ×1					> 6/16		
NO CEILING IV 20000 IV 14000 IV 170000 IV 180000 IV 180000 IV 180000	0 0 0 0 0 0 0	50.7			04				_	*	F 11	2	01/61	 	٨١
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			2005			20.1	0	20.1	0		20.1		50.7	20.7	50.7
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 8 8 8	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0000	0.09	0.09	0.09	0.09
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 8 7	0.09	0.09	0.09	0.00	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0000	0.09	0.09
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 8	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0000	0.09	0.09	0.09
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2	0.09	0.09	0.09	0.00	0.09		0.09	0.09	0.09		0.09	0.09	0.09	0.09
0000 0000 0000 0000 0000	2.	60.7	60.7	1.09	60.7	2.09	60.7	60.7	1.09	60.7	60.7	60.7	60.7	60.7	1009
00 000 101 A1A1		0.49	0.49	0.49	0.49	0.59	0.49	0.49	0.49	0.49	0.40	0.49	0.40	0.00	0.49
	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
	66.7	0.07	70.0	70.0	0.07	70.0	70.0	70.0	70.0	70.0	10.0	70.0	70.0	70.0	70.0
1	68.0	71.3	71.3	71.3	71.3		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	68.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
0005	58.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	10.1	0.4	0.4	74.0	0.4	0.5	0.4	14.0	74.0	74.0	0.41	0.4	14.0	0.41	0.4
000	71.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	71.3	14.7	74.7	75.3	15.3	75.3	75.3	75.3	75.3	75.3	15.3	75.3	75.3	75.3	75.3
3000	72.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	74.7	19.3	79.3	80.0	0.08	80.0	80.0	0.08	80.7	80.7	80.7	80.7	80.7	80.7	80.7
7 2000	78.7	84.0	84.0	84.7	84.7	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1	78.7	84.0	0.48	84.7	84.1	84.7	85.3	85.3	86.0	86.0		86.0	86.0	86.0	86.0
1500	84.0	89.3	89.3	0.06	90.0	0.06	1.06	1.06	91.3	91.3	91.3	92.0	92.0	95.0	95.0
1	86.0	61.3	61.9	1.26	92.7	92.7	93.3	93.3	0.46	0.46	0.46	4.7	4.1	4.7	1.96
000	86.0	91.3	91.3	1.76	92.7	7.26	63.3	93.3	0.46	0.46	0.46	24.7	4.7	94.7	4.1
	86.0	6103	91.3	92.7	92.7	92.7	63.3	93.3	0.46	0.46	0.96	1.56	24.7	14.7	1.46
8	86.0	6116	91.3	92.7	92.7	92.7	93.3	93.3	0.46	0.46	0.46	1.56	94.7	24.7	4.1
	86.7	92.0	0.26	63.3	93.3	93.3	0.46	0.46	64.7	1.46	1.76	95.3	95.3	95.3	95.3
9	86.7	92.0	95.0	63.3	63.3	93.3	0.46	0.46	1.76	1.46	24.7	95.3	95.3	95.3	95.3
	87.3	92.7	63.3	1.46	1.56	64.7	65.3	95.3	0.96	0.96	0.96	46.7	1096	2.96	1.96
9	87.3	93.3	0.46	69.3	95.3	6.56	0.96	0.96	1.96	1.96	1.96	97.3	97.3	97.3	97.3
	87.3	63.3	1.76	0.96	0.96	0.96	1.96	1.96	61.3	97.3	97.3	0.86	98.0	0.86	0.86
30	87.3	63.3	4.7	0.96	96.0	0.96	6.76	97.3	0.86	98.0	0.86	98.7	98.7	98.7	98.7
	87.3	63.3	1.76	0.96	9	0.96	61.3	61.3	48.7	•	7.86	100.001	100001	00.00	0000
0	87.3	93.3	1.76	0.96	0.96	0.96	61.3	97.3	98.7	7.86	98.7	100.00	100.001	10000	0000

TOTAL NUMBER OF OBSERVATIONS

150

SMOS DIRNAVOCEANMET

93841 STATION

0

WHITING FIELD, FLORIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1.8

63

CEILING																
(FEET)	2	٨١	8 41	1	11	2 2%	7 7	VI 7.7	¥1 VI	- AI	% Al	*	× AI	≥ 5/16	× Al	0 11
NO CEILING			1.09	61.3	62.0	2	62.0	62.0	62.0	2.	0.29	0.29	7	62.0	62.0	62.0
≥ 20000		62.0	63.3	64.0			64.7		64.7	1.40	64.7	64.7	64.7	64.7	64.7	64.7
19000			63.3	0.49	64.1	64.	64.7	1.49	64.7	1.49	1.49		*		64.7	64.1
00091		62.0	63.3		64.7	64.7	64.7	64.7	1.49	64.7	64.7	04.7	64.7	64.7	64.7	64.7
			63.3	0.49	64.7	64.	54.7	64.7	1.49	64.7	1.49		*	64.7	64.7	64.7
12000		62.0		64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65,3	65.3	65.3	65.3	65.3
			68.0	68.7				20.0	70.0		70.0			10.0	70.0	70.0
88		0.99	68.0	68.7	70.0	70.0		20.07		70.0	70.0		70.0		70.0	70.0
					75.3								15.3		75.	75.3
200		70.0	73.3	74.0		76.7	76.7	76.7		76.7	76.7	76.7	76.7	76.7	-	76.7
1					17.3	17.3		77.3		77.3	17.3					77.3
2008		72.0		76.0		78.7	78.7		78.7	78.7			78.7		78.7	78.7
1				78.7				-		-	-		-	81.3	-	81.3
984		74.0	77.3	78.7	-		81.3			81.3	81.3	81.3	-		81.3	81.3
1			17.3	78.7		-					-		:	-	-	81.3
3000		74.7	78.0	79.3	82.0	82.0	82.0	82.0	82.0	82.0	85.0	2	3	85.0	2.	
1			19.3	80.7	83.3	63.3	83.3	83.3		83.3	83.3		83.3	3.	83.3	83.3
2000		77.3	81.3	82.7		86.0		86.0	86.0	86.0	86.0	9		86.0		86.0
				~		5	9	0	6	9				9		9
8 8		78.7		85.3	0		0		0				0	0	90.7	
1			34.7	1.98		-	92.0	0.26		92.0		2	2.	2	92.0	92.0
88		80.0	84.7	86.7	61.3	91.3		92.0	92.0	92.0	95.0		92.0	2	92.0	92.0
			1.48	86.1		-		0.26			0.26	2	7	92.0		92.0
88		82.0	86.7	88.7	93.3	93.3		0.46	0.46	0.46	0.46	0.46		0.46	0.46	94.0
			88.0	0.06	1.46	94.1		65.3	95.3		95.3	1	5		95.3	95.3
38		83.3		0.06	1.46	7.56			95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1				0.06	1.46	34.		95.3			95.3		0			95.3
38		84.0	88.7	91.3	0.96		97.3	97.3	97.3		97.3		97.3	97.3	97.3	97.3
1			88.7	91.3	0.96	1.96	97.3	97.3	97.3	97.3	97.3	-			97.3	97.3
38			88.7	91.3	0.96	96.7	97.3	6.16	97.3	-	0.86		98.0	98.0	98.0	98.0
1		84.0	88.7	91.3	0.96		97.3	97.3	97.3	97.3	8	100		98.7	.86	98.7
	_		200			0									•	000

0

5703 CEILING VERSUS VISIBILITY JAN 78

TOTAL NUMBER OF OBSERVATIONS

888

DIRNAVOCEANMET SMOS

0

0

CEILING VERSUS VISIBILITY

76.0

75.3 76.0

76.7

76.7 77.3

76.0 76.7

16.0

74.7

74.0

14.0 75.3 74.7

74.0

74.7

13.3

73.3 73.3

71.3

69.3

0.99 67.3

800 7000 900

72.0 72.7

70.0

66.7

70.7 10.7 7001

72.7 72.7

75.3

75.3

74.7

74.0

76.7 77.3 78.0 78.7

70.7

75.3 75.3 76.7 77.3

75.3 75.3 76.7 76.7

74.7

74.7

7.07

67.3

4500 400 400 3000

76.7

26.0 76.0 78.7

78.7

78.7

83.3 86.0

83.3 86.0

83.3

84.0

86.0 0.06

86.0

86.0

85.3

84.0 85.3

85.3

0.49

83.3 83.3 83.3

80.7 82.7 82.7

86.7 87.3 88.0 88.0

86.0 86.7 86.7

83.3 86.0 86.0 83.3 86.0

76.0 80.0 0.08 0.97

8 9 88 88 88

80.0

0.97 1.91

83.3

82.7 83.3

82.0

82.0

81.3

71.3 75.3 77.3

2000

73.3 73.3

500

78.7 80.7 80.7 81.3 81.3 81.3 82.0 82.7

77.3

16.1

76.7

82.7

78.7

78.0

77.3 78.0

76.0

75.3

75.3

14.

73.3

76.0

74.0 76.0

71.3

68.0

72.0

89.3

89.3 0.06

0.06 6116 95.0

0.06 91.3

89.3

89.3

86.7

86.7 86.7

86.0

88.0 88.0 89.3 89.3

66.7 86.7

80.7 84.0

84.7

81.3

7.97 76.7 86.0

88.7 88.

86.7

86.7 86.7

1.06

2006

88.0 89.3

6116

0.06 89.3 90.7

0.26

0.06

89.3

89.3

92.0

1460

198

NON

67.3 66.7 67.3

65.3 66.0

% AI

0.89 68.0

67.3

0.99

0.99

65.3 65.3

0.49 64.7

65.0

٨I

0

(FEET)

NO CEILING

≥ 20000

0.99

66.7 66.7 66.7 67.3

61.3 62.7 64.7 66.0 66.0

72.0

71.3

71.3

10.0

0.07

20.0

69.3 69.3 72.0 72.0

63.3 66.0 68.0

70.0

10.0

0.47

72.0 74.7

68.7

0

TOTAL NUMBER OF OBSERVATIONS

SMOS DIRNAVOCEANMET

80

88

VI VI 1800 000 000

V 1 V 1 2000 VI VI 000 000 000

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

ALL HOURS (1 5 T ) NON

=

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)	5 24 23 22% 72 21% 21% 21 2% 2% 2% 25/16 2% 20	.8 52.3 52.9 53.0 53.5 53.7 53.7 54.3 54.7 54.7 55.0 55.0 55.	.5 58.1 58.8 58.8 58.8 59.3 59.5 59.5 60.3 60.6 60.6 60.9 60.9 61.3 6	-6 58.2 58.8 58.9 59.4 59.6 59.6 60.3 60.7 60.7 61.0 61.0 61.4	.6 58.2 58.8 58.9 59.4 59.6 59.6 60.3 60.7 60.7 61.0 61.0 61.4 6	.8 58.4 59.1 59.2 59.7 59.8 59.8 60.6 60.9 60.9 61.3 61.3 61.7 6	.2 58.8 59.4 59.5 60.0 60.2 60.2 60.9 61.3 61.9 61.6 61.6 62.0	.0 61.7 62.4 62.5 63.0 63.2 63.2 63.9 64.3 64.3 64.7 64.7 65.1 6	.3 61.9 62.7 62.8 63.3 63.4 63.4 64.2 64.6 64.6 64.9 64.9 65.3 6	.3 65.1 66.0 66.3 66.8 66.9 66.9 67.8 68.2 68.2 68.6 68.6 69.1 70	.0 65.8 66.8 67.0 67.5 67.7 67.7 68.5 68.9 68.9 69.3 69.3 69.8 7	.5 66.3 67.3 67.5 68.0 68.2 68.2 69.0 69.4 69.4 69.8 69.8 70.3 71	.0 66.8 67.8 68.0 68.5 68.7 68.7 69.5 69.9 69.9 70.3 70.3 70.8	.7 67.7 63.6 63.8 69.4 69.6 69.6 70.4 70.8 70.8 71.3 71.3 71.5 73	.0 68.2 69.2 69.4 70.1 70.3 70.3 71.1 71.5 71.5 71.9 71.9 72.4	.3 68.4 69.4 69.7 70.3 70.5 70.5 71.3 71.8 71.8 72.2 72.2 72.7 73	.8 70.0 71.1 71.3 72.2 72.3 72.3 73.2 73.6 73.6 74.0 74.0 74.5	-3 71.6 72.7 72.9 73.6 73.9 73.9 74.8 75.3 75.3 75.7 75.7 76.2 77	.7 74.3 75.4 75.7 76.5 76.8 76.8 77.7 78.1 78.1 78.5 78.5 79.0	.6 74.4 75.6 75.8 76.7 76.9 76.9 77.8 78.3 78.3 78.7 78.7 79.2 80	.9 76.8 78.2 78.4 79.3 79.6 79.6 80.6 81.1 81.1 81.6 81.7 82.2	.5 78.4 80.0 80.3 81.2 81.4 81.4 82.4 82.9 82.9 83.4 83.5 84.1	.8 79.8 81.6 81.8 82.8 83.1 83.1 84.1 84.6 84.6 85.1 85.2 85.8	.2 80.2 81.9 52.2 83.2 83.5 83.5 84.6 85.1 85.1 85.6 85.7 86.3 87	.1 81.2 82.9 83.2 84.3 84.8 84.8 85.8 86.3 86.3 86.8 86.9 87.5 88	1 82.4 84.3 54.5 85.9 86.3 86.3 87.4 87.9 87.9 88.5 88.6 89.2 90	.7 83.2 85.1 85.4 86.8 87.2 87.2 88.3 88.8 88.9 89.4 89.5 90.1	.3 84.0 86.1 86.4 87.8 88.3 88.3 89.4 90.1 90.1 90.7 90.8 91.3	84.9 87.0 87.4 88.8 8	85.2 87.6 88.1 89.8 90.3 90.3 91.7 92.3 92.9 93.0 93.1 93.7	85.5 87.9 88.4 90.3 91.2 91.2 92.7 93.5 93.5 94.3 94.3 94.9	85.5 87.9 88.4 90.3 91.3 91.3 94.3 94.3 94.4 95.8 95.8
	4 VI	52.3 52.9	.5 58.1 58.8	.6 58.2 58.8	.6 58.2 58.8	.8 58.4 59.1	.2 58.8 59.4	.0 61.7 62.4	.3 61.9 62.7	.3 65.1 66.0	8.99 8.59 0.	.5 66.3 67.3	8.19 8.99 0.	.7 67.7 68.6	.0 68.2 69.2	4.69 4.89	.8 70.0 71.1	.3 71.6 72.7	.7 74.3 75.4	.8 74.4 75.6	76.8 78.2	.5 78.4 80.0	.8 79.8 81.6	.2 80.2 81.9	.1 81.2 82.9	.1 82.4 84.3	83.2 85.1	1.98 0.98 E.	0.18 6.9 87.0	3 85.2 87.6	85.5 87.9	6.3 85.3 87.9
CEILING	9 11 01 21	0.64	4.4	54.5		54.8	12000	57.7	6	1.09	7000	61.1	10	62.2	100	62.8	-	4.59	*	67.6	2	70.8	1000	72.1	-	13.4	6	74.3	0	75.1	200 75.2	15.2

TOTAL NUMBER OF OBSERVATIONS

1200

D

588

DIRNAVOCEANMET SMOS

93841 STATION

# CEILING VERSUS VISIBILITY NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING PIELD, FLURIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DEC

OO HOURS (1.5.T.)

CEILING							NISI	BILITY (STA	VISIBILITY (STATUTE MILES)	(\$;						
(FEET)	71	9 11	N Al	4	8	1 2%	7 1	71 %	VI 71	- AI	% AI	*	Z AI	≥ 5/16	% AI	0 1
O CEILING		49.7	51.0	54.2	4		0	56.1	0	9	1.95	1.95	1.95		56.1	56.1
Z 20000		53.6	4	58.	29.4	0	0	60.7		0	1.09	2009		0	2009	60.7
		53.6	4	58.1	6	0	0	60.7	0	0	1.09	1.09		0	2009	60.7
00091 3		53.6	4	S	6	0	0		0	0				0		60.7
		\$3.6	3	58.	59.4		0		0	0				0		60.7
12000		53.6	54.8		89.4		2009	60.7	60.7	2.09	60.7	1.00	60.7	60.7	60.7	60.7
1		55.5	9	.09	-	-	2.		2	2				2.		62.6
8		56.1	-	60	-	2	-							3.		63.2
1		57.4	0	62.	3		5		5	5				5		65.2
141		59.4	-	. 49	2	9	-		-	-		67.1		-		67.1
1		59.4	-	64.	5		7.		1	-						67.1
2000		59.4	-	64.	65.8	9	1					67.1		-		67.1
1		60.09	-	65.	9	-	-			7						67.7
1 1		0.09	-	65	9		-		1.	-				-		67.7
1		61.3	3	67.	8	6	6		6	6				6		69.7
300		63.2	5	.69	-	-	2		3	2				2.		72.3
1		53.5	5	.69	-	-	2.		2	2.				2		
7000		65.8	8	72.	;	4	8		5					5		
1		65.8	0	73.	3	50	9		9	9				9		
200		67.1	-	16.	-	•	80		8	8				8.		78.7
1		67.1	-	76.	8	00	6		6	6				6		
100		69.0	N	78.	0	0	-		-	-				-		81.9
		70.3	4	80.	-	-	3.							3		83.2
8		70.3	4	80.	-	2	*		*	*						84.5
		72.3	0	82.	3.		9		9	9				9		86.5
8		72.3	76.8	82.		4	9		9	9				.9		86.5
		74.2	78.7	94.	5	9	30		8	8				8		88.4
141		74.8	79.4	85.		6	-		:	-			91.6	-	91.6	91.6
		74.8	79.4		6		2.		2	3				3		2.46
38		74.8	9		0	-	*		*	3.				5.		96.1
		*	19.4	87.1			3	2.46		0	1.96	1.96	1.96	0	1.96	96.8
١٨١		74.8		87.1	80.3		60	4	*		1.96	96.1		9		

TOTAL NUMBER OF OBSERVATIONS

155

JAN 78

CEILING VERSUS VISIBILITY

WHITING FIELD, FLURIDA

WANTE WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

73-77

			NAME OF THE OF THE OF THE OF	PERCEI	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	FREQUE	UENC LY OB	Y OF (	ACY OF OCCUR	RENCE 3)					03	
CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	5 1	٥ ٨١	VI SO	1	N AI	2 2%	7 4	VI 7/	¥1 VI	-	* AI	# Al	S Al	2 5/16	AI AI	O AI
NO CEILING		0.64	50.3	53.6	54.2	54.2		55.5	55.5	56.1	1.05	1.05	56.6	56.8	50.8	56.8
2000		555.2	53.				200	28			59.4		000	000		
18000		52.3			57.4	-	58.7		58.7			59.4	0.09	0.09		000
7 14000		52.9	R R	57.4	58.1	200	59.4	59.4	59.4	00	0.09	0000	600.7	600.7	60.7	60.7
		50.0	54.	:	100		2000	2000	3000	000	000	000	000	000	000	200
VI VI 000 000 000		52.9		57.4	58.1			59.4	59.4	00	60.09		60.7		60.7	600
1		56.8	58.		2.	0		-	63.9	*		64.5	85.8	65.8	65.8	65.8
7000		58.1	909	63.3	63.9	63.9	65.2	3	65.2	2		65.8	67.1	67.1	67.1	67.1
0009		58.1		63.2	63.9	63.9	65.2	5.59	65.2	65.8	65.6	67.9	68.1	68.4	67.1	67.1
		60.09	.79	- 10	66.5	0	67.7	:1:	67.7	68.4	68.4	4.89	69.7		69.7	69.7
1 1 1		61.9	64.	67.7	68.4	4.80		69.7	69.7	.0	70.3	70.3	71.6	71.6	7	71.6
1		61.9		67.7	4.89	4.80	1.69	1.69	69.7	70.3	10.3	0	11.0	-	71.6	71.6
3000		64.5	67.1	70.3	71.0	71.0	72.3	72.3	72.3	72.9	72.9	-	74.2	74.2		74.2
> 2500		65.8	90	•	72.3		73.6		13.6	74.2	74.2		15.5		75.5	75.5
		67.1	-	14.8	13.3	13.3	10.0		10.8	401	3 - 1	30.	4.0	400	4.6	4.6
VI V		100	72.0	1	18.	0 0		10.	10.				200	000	000	000
		69.7	13	77.4	19.4	19.4		• •	81.3	3			83.9	63.9	83.9	83.9
111		59.7		77.4		19.4	80.7	81.3	81.3	81.9	81.9	81.9	83.9	83.9	83.9	83.9
8		2.69	73.	77.4	4.64	10.4		-	81.3		81.9	81.9	83.9	83.9	83.9	83.9
800		70.3		78.7			-			83.5	83.2	63.5	85.2	85.2	85.2	85.2
88		71.6	76.1	000	25.0	200	0.0	. 4	4 4 0 10 10 10	200	20.00	82.5	87.1	87.	87.1	24.
		2007	18			3 2		87.	87.1		87.1		89.7	89.7	89.7	89.7
88		72.3	77.	81.9	85.2			3 8	- 00	-0	89.0	0.68	91.0	91.0	91.0	91.0
		72.3	11.	-						6	0.68		-	-	1.	91.0
7 200		72.3			85.6	85.8	87.7	89.0		ò		90.3			95.9	93.6
8		72.9	78.1	2.60	36.5	26.00		600	0.00	91.0	92.3	25.00	200	400	96.1	8.96
1		16.7					* 000			-		3		-		200

TOTAL NUMBER OF OBSERVATIONS

155

-

# MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

## CEILING VERSUS VISIBILITY

TEARS	OCCURRENCE 06
WHITING FIELD, FLURIDA	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST.	VISIBILITY (STATUTE MILES)	E3)						
(FEET)	5	٥ ٨١	50	7	e Al	2 2%	1 N	%: AI	71	Ā	% Al	*	Z Al	≥ 5/16	AI AI	٨١
NO CEILING		5		6	1	-	1:	-		2.	52.3		2.	O	2.	52.5
≥ 20000		O		54.2	3	5	55.5	3	55.5	9	56.1	3	56.8	0	56.8	56.8
× 18000					3	5	3	5	5	9			0	2		56.8
2 16000				;	5	5		2	55.5	. 9			•	0		56.
> 14000		6		3		9	0	9	0	. 9		-		-		57.4
12000						9	9		. 9	. 9			1.	~		
V 1000		51.0		6	-		2	1.	-				8	00		58.
000		51.0				-	-	7		8				0		
1		54.8		6	1	1	1:	1	1	2			3.	3		
200		34.8		0		:		-		2		-		m		63.2
1		54.8		10	1	2		7	2	3.			5	-		63.9
2009		55.5				60		3	3			*				64.
		56.1		-	3.	-	3	3		4		:	3	-		65.2
8 8		57.4	60.7	63.2	64.5	65.2	65.5	65.2	65.2	65.8			9	0	66.5	66.
1		58.7		3	5.	9	9	0	9	-				-		
300		6.19		-		5	6		6	-		-		-		71.6
1		63.9		-	-	-	1=	-	-	2.		-	3.	100		
7 200		63.9		70.3	:	2	2	2	2	*				4		74.8
		63.9			1	2	2	2.		*		:	4.	3		
1 1 1		65.2		2		4	*	;					-	-		77.4
1		65.8		2.	4	. 4	9	0	9	60				00		78.
90		65.8		;	5	0	-	-		6			0	0		80.0
		66.5		3	9	9	00	8	8	0		-		0		80.
8		66.5		74.8	. 9	-	78.7	8		0			-	-		81.3
		67.7		9	8	6	0	0		~		-	3	-		83.2
8		4.89				-		2	2	;		:	3	5	5	
005		4.89			2.	3	3			-		-		-	:	
8		1.69		-	3	5	87.1	-		6		ċ	:	-	:	
1	-	69.7				85.8	-		00	0		-		-		
38		1.69	76.1	-	5	65.8	88.4	89.	89.0	91.6	92.3	92.3	93.6	93.6	3	93.6
82		2.69	1.94	81.9	85.5	85.8	89.0	•					•	3	•	
				0	d	0			0	•		-	4	4	-	000

TOTAL NUMBER OF OBSERVATIONS

#### **CEILING VERSUS VISIBILITY**

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

73-77

60

HOURS (L S T ) DEC

TRE D

FEET)  CEILING CEILING CEILING 18000 18000 110000 9000 9000	01 P P P P P P P P P P P P P P P P P P P	\$ 1	*	1			1		-			1	> 5/16	Al	٨١
G CEILING  O CEILING  1 20000  1 14000  1 12000  1 1 10000  1 1 10000  1 1 10000  1 1 10000  1 1 10000	2 + 4 + 4 + 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4	1		m NI	> 2%	7	2	VI 72		% Al	*	S NI			
2000 10000 1	7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	41.	0.64			0.64	5		0.65	6	6	0.65	49.0	6	49.7
10 10 10 10 10 10 10 10 10 10 10 10 10 1	4.84 4.8.4 7.64 7.64 7.64	51.		52.3	2	52.3	2	2	2.	3	2	?	5	5	
00 00 00 00 00 00 00 00 00 00 00 00 00	44.6		52.3	52.3	2	52.3	2.	52.3	2.	2.			2.	2.	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	48.4		52.9		55.8	55.9	•	•	52.9		2	2.		5	53.6
10000	53.6			52.9	2.		2.	2.	2.			52.9	2.		53.6
	53.6	52.9	54.5	24.5	54.5	54.5	;	•	•	*				;	54.8
		58.		0.09	0	0					0	0		0	60.7
1	54.8	59	61.3		61.3	61.3		61.3		-	61.3	61.3	-	61.3	61.9
	58.7	63.2		5	65.8	5			5		2				66.5
7000	58.7			8.59	•	65.8	5		•		65.8		3	5	66.5
1	59.4	63.				9	0		9	0	0		9		67.1
2000		65	67.1	67.7	67.7		-			-		1.			4.89
1		66.		6	6	6							6		69.7
0004	63.9	69	71.0	71.6	71.6		71.6		71.6	-	-	71.6	71.6	-	72.3
		69		2.		2.			2		2		2	2.	72.9
3000	64.5		71.6	72.3	72.3	2			2	72.3	2.		72.3	72.3	72.9
1	64.5	60		2.					2	2	2.			2.	72.9
2000	67.1	72.		3	75.5	5	73.5			5	75.5		75.5	5	76.1
1	67.1	12.	6.4	75.5	5		75.5		6	2	15.5		5	75.5	76.1
1500	0.69	74.				-				2	-		77.4	-	78.1
	70.3	75.		78.7	00		00		78.7		œ	78.7	8		
0001	71.0	16	10.4		80.0	0	0		0	•	0			0	81.3
	71.0	-	80.0		0		81.3	61.3	81.3		81.3		81.3	:	
8	71.5	78	81.3	-	2.	2	3	83.5	6	ë	3	83.5		e	
	73.6	8	81.9	85.6			83.9	83.9	83.9	83.9	3	84.5			85.2
9	73.6	30.	83.9		3		86.5	•		÷	9	-		-	
	74.2	0	84.5	86.5					87.7	87.7	-	88.4			
141	74.8		85.8		89.0	0.68	89.7	49.7	89.7		89.7	0	90.3	0	91.0
	74.8	81.	82.8	0.6	0	0		:	91.0	•				20	
200	74.8	81.		0		5	5.	5.	2	2	2		•	;	94.8
				60.3	91.0	92.3	93.6	93.6	*	34.5	2046	800	97.4		
0	74.8	9		0		5	3			*	;	0	•	4.66	0000

TOTAL NUMBER OF OBSERVATIONS

155

0

0

0

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLORIDA

93841 STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 DEC

SNIII S							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	o Al	2 41	7	1 3	1 2%	N N	N 1%	¥1 V	-	× AI	* AI	Z.	2 5/16	AI N	٨١
NO CEILING		49.7	49.7	1.65	49.7	4.64	6	49.7	6					4.6.7	49.7	49.7
2 20000 ×		55.5	55.5	58.5	3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	5	55.5	55.5
7 18000			55.5	52.5	5		3		5	5	3		5	5	3	
16000		56.1	56.1	56.1	56.1	56.1	56.1	56.1	. 9	.9	56.1	56.1		56.1	56.1	56.1
> 14000		56.1	56.1	56.1	0		0		9	9	0		0	9	9	
12000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7		58.7	58.7	58.7
		63.9	3	63.6	3	63.9		63.9	3	513	443	63.9	3		3	
000		63.9	63.9	63.9		63.9	63.6			3		3	*	6		63.9
		65.2	65.8	65.8		65.8	9		9	9					.0	66.5
7000			3	65.8	65.8	65.8	67.1	67.1	2		-	-	-		-	67.1
1			67.1	67.1	67.1				8	00	8		8	8		
2000			67.7	67.7	57.7	67.7	0.69	0.69			6	6	6		6	69.0
1		6.99	67.7	67.7	67.7		6		6	6	6		6		6	
141		4.89	70.3	70.3	70.3	70.3	71.6	71.6	-	71.6	71.6	71.6	71.6	-	71.6	71.6
1		0.69	11.6	71.6												72.9
3000		0.69	71.6	71.6		71.0	72.9	72.9				72.9	72.9	72.9	2	72.9
		71.0	3	73.6										4		
2000		72.3	74.8	74.8	74.8	14.8	76.1	76.1	0	76.1	76.1	9			•	
		72.3		74.6		14.8			0		9		76.1	9	9	76.1
1300		76.1	78.7	78.7	6	4.61	80.7		80.7	0	80.7	80.7		80.7	80.7	
		7.87	81.3	81.3	81.9	81.9	83.2			3			83.2	3	3	83.2
1000		19.4	81.9	82.6	83.2	83.2	84.5			84.5	84.5				*	
-		81.3	m	84.5	85.2	85.2	86.5	86.5			86.5		86.5		86.5	86.5
8		82.6	85.8	87.7	88.4	88.4	89.7	89.7	1.68	89.7	89.7	89.7		89.7	89.7	89.7
1		63.9	-	90.3	0.16	91.0						92.3	92.3	•		92.3
8		83.9	87.1	91.0	-	91.6	6.26			~	6.26	65.6		2	92.9	6.26
		34.5		9.86	8. 56			1.96			•	96.1	96.1	•	1096	1096
8		84.5	88.4	94.2	;	96.1	7.86		98.7	98.7	7.86	98.7	98.7	98.7	7.86	98.7
		84.5		94.2		1.96	7.86	98.7		7.86	7.86	48.7	98.7	98.7	68.7	98.7
38		84.5		34.5		97.4	100.001	100.0	100.001	0.001	100.0	10000	100.0	100.00	0.001	0000
			88.4	2.76	8.96	37.4	0.001	0.0	00	0	0.001	0.001	0.001	100.0	0.001	0
0		84.5		34.2	8006	97.4	100.001	0000	100.001	10000	0	0	0	0	0	

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NO

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 HOURS (1 S T .) DEC

2

	AI	52.6		53.6	53.6	54.8	61.9	61.9	969	69.6	69	71.0	71.0	73.6	74.8	76.		81.3	Commercial	84.	85.6	87.		90	91.6	92.9	94.	96.	66	99.6	100	100
	× 1	52.9	2.	53.6	3	54.8	-	-			•	-	:		*	76.1		81.3	:			87.7	:	90.3			;	8.96	6		•	0000
	≥ 5/16	52.9		53.6	53.6	54.8	61.9	61.9	0.69	0.69	6	71.0		73.6	14.8	76.1	00	81.3				87.7	87.7	6006		65.6	8 . 56	8.96	4.66	•	00	00.00
	Z Al	52.9	2.	53.6		54.8	61.9	-		0.69	6	-	11.0	3	•		0	81.3		•	85.8	87.7		600	-		8.46	8.96			000	00.00
	* Al	52.9	2.	•	3.	54.8	6119	•	6	0.69	6	71.0	11.0		8 . 4/	76.1		81.3		84.5		87.7		80.3	-	65.6	*	8.96	6	6	0.00	00.00
	% AI	52.9	2		53.0	54.8	-	-	6	0.69		-		3.		1001	8	81.3	:	*		87.7		0		6.26	8.46	•	6	•	0.0	00.00
(S:	Ā	52.6	2		53.6	54.8	6119		0.69	0.69	77	•	71.0		4.	76.1	12.10	81.3		84.5	8 2 . 8	87.7	87.7	8006	91.6	6.26		8.96	6	•	.00	0000
VISIBILITY (STATUTE MILES)	71 71	52.6	2		53.6	8.45	-	61.9	6				11.0	73.6	8.4	76.1	•	81.3	81.3	84.5		1.		8006	91.6	6.26	8.46	8.96	*	8	4.6	14.66
BILITY (ST.	VI %1	52.9	2	53.0	53.6	54.8	61.9	61.9	0.69	0.69	69.7	71.0		73.6	74.0	76.1		81.3		84.5		87.7	87.7	90.3		6.26	8.46	8.96	48.7		6	7.66
VISI	~ Al	52.5	3	53.6		54.8	6119	6.19			69.7	71.0		73.6	*	76.1		81.3		. 4	5	-	-	0	-	6.26			98.7	98.7	6	4.66
	> 2%	52.3	2	52.9	52.9	54.5	61.3	61.3	68.4	4.89	0.69	70.3	10.3	12.9	•	75.5	17.4	80.7	0	83.9		87.1	87.1	1.68	91.0	95.3	2.56	96.1		98.1		186
	٨١	52.3	2	95.9	52.9	54.5	61.3	61.3	4.89	4.89		70.3	0	72.9	3	75.5	77.4	0	0	3.	85.2	87.1	87.1	89.7	-	92.3	2.56	96.1	98.1			98.7
	4	52.3		52.9	52.9	54.5	61.3	61.3	4.89	4.89	0.69	70.3		72.9	74.2	75.5	77.4	80.7	0	83.9	85.2	86.5	86.5	4.88	89.7	80.3	91.6	92.3	93.6	93.6		93.6
	81	52.3		82.9	55.9	54.2	61.3	61.3	4.89	4.89	0.69	70.3	70.3	•		75.5	1	30.	80.	83.9	85.2	85.8	85.8	87.7	88.4	88.4	89.7	89.7		•	2006	6006
	۸I	52.3	2	2.	52.9	53.6	60.7	2009	67.7	67.7	68.4	69.7					76.8	80.0	80.0	81.9	82.6	83.2	83.2	84.5	85.2		86.3	86.5	86.5		36.5	86.5
	5																															
CEILING	(FEET)	NO CEILING	OWEL V	00091	> 14000	2 12000	00001 4	0006	(	7000	1	0005		4000	1	3000		2 2000	1	2 1500		0001		8	1	8		141		1 200	8	٥

TOTAL NUMBER OF OBSERVATIONS

155

===

93841

#### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18 HOURS (LST.)

DEC

Mocfilling   26   25   24   23   23h   22   21h   21h   21h   21   24   25   25   25   25   25   25   25	CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
\$6-1 \$6-1 \$6-1 \$6-1 \$6-1 \$6-1 \$6-1 \$6-1	(FEET)	21		1	1	1			1			No. of the last of	1	1		1	
26.1 56.1 56.1 56.1 56.1 56.1 56.1 56.1 5	NO CEILING		49.0		0	6	0			0	6			6	4		49.0
10000   26.1	> 20000		56.1		0					9	9	•	9	0	5	•	0
1,000   1,00			56.1			56.1				0		1.95					56.1
56.8   56.8			56.1		•	0	•			•			•	9	9	•	56.1
Contraction			56.8		9			.0	0	0	9	9	9	0	9		
10000   64.5   64.5   64.5   65.2			0.09		0	0		0		0		0	2009	0	0	0	
05.2   05.2   05.2   05.2   05.8	1		64.5			5	S	3	5	3	5	5	0	5	5.	3	
68 4 68.4 68.4 68.4 69.0 69.0 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7			65.2	•		3	5		3	5	5	5	2	2	5	3	65.8
0.00	1		67.1				1	67.7			-				67.7	67.7	67.7
68.4 68.4 68.4 69.0 69.0 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7			4.89	68.4	60	6	6		6				O		69.7	69.7	69.7
5000 68.4 68.4 68.4 68.4 69.0 69.0 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7	1		68.4	4.89	00	6	6	6	6	6	0	6	5	6		69.7	69.7
71.6 71.6 71.6 71.0 71.0 71.0 71.0 71.0 71.0 71.0 71.0			68.4	4.89	00		6	6		6	6	6	0		6	69.7	69.7
71.6 71.6 72.9 72.9 72.9 72.6 73.6 73.6 73.6 73.6 73.6 73.6 73.6 73	1		70.3				-	-	-		-		-		-	-	71.6
73.6 73.6 74.2 74.8 74.8 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75			71.6		2.		-				•		3	9		3	M
74.8 74.8 75.5 76.1 76.1 76.8 76.8 76.8 76.8 76.8 76.8 76.8 76.8			73.6	3			*	5		5		3	2	2	5	5	75.5
76.1 76.4 77.4 78.1 78.7 78.7 78.7 78.7 78.7 78.7 78.7			74.8		•	9	.0			0		00	.9		.9	;	9
78.1 78.7 79.4 80.0 80.0 80.7 80.7 80.7 80.7 80.7 80.7			76.1			8	8	8		8		0	0	0			78.7
1800 78.1 79.4 80.0 80.7 80.7 81.3 81.3 81.3 81.3 81.3 81.3 81.3 81.3			78.1		0	0	0	0		0	C	0	0	0	0	0	80.7
1500 79.4 80.7 81.3 81.9 81.9 82.6 82.6 82.6 82.6 82.6 82.6 82.6 82.6	1		78.1		0	0	0	-	-	-		-	~	-			81,3
81.3 82.6 83.9 84.5 64.5 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85			19.4			-	-		2	2	2	~	N	2	3		2
81.3 83.9 85.8 86.5 86.5 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1					-	*	*			2			2	2			
82.6 86.5 88.4 89.0 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7			81.3			9	9			-			-				
82.6 86.5 88.4 89.0 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7			81.9		-	~	87.7		8	8	8				00	8	
82.6       86.5       89.0       89.7       89.7       90.3			82.6		8		6	.6	0	6	0		0			6	
83.9 87.7 90.3 91.6 91.5 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3			82.6	36.5	6			0	0	0	0			0			
200 85.2 89.7 93.6 95.5 95.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96			83.9		0	-	-	5.	2	2	2.		2	2.		92.3	92.3
300 85.2 89.7 93.6 95.5 96.1 96.1 96.1 96.1 96.1 96.1 96.1 96.1			84.5				*	*	*	*	-	*				8.46	94.8
300 85.2 89.7 93.6 95.5 96.1 96.1 96.1 96.8 96.8 96.8 96.8 96.8 96.8 96.8 96.8			85.2			5		9		9		9	•	.0		•	96.1
200 85.2 89.7 93.6 95.5 96.1 96.1 96.1 97.4 97.4 97.4 97.4 98.1 98.1 98.1 98.1 98.0 0 85.2 89.7 93.6 96.1 96.1 97.4 97.4 97.4 99.4 99.4 99.4 100.0100.0100.0100			85.2	89.7	3	45.5	65.5		1.96	96.1		9		0	. 9		
100 85.2 89.7 93.6 56.1 96.1 97.4 97.4 99.4 99.4 99.4 99.4 100.0100.0100.0100.010			85.2							0		4.16	-			98.1	
0 85.2 89.7 93.6 96.1 96.1 97.4 97.4 97.4 99.4 99.4 99.4 100.0100.0100.010			85.2	1.68	3	1.95		4.16	4.16			4.66	. 4	00	ċ	•	0000
			85.2	89.7	-			4.16	~	97.4		4.66	4	0	0		0.001

TOTAL NUMBER OF OBSERVATIONS

155

SMOS DIRNAVOCEANMET

93841

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

73-77

2.1 HOURS (LST.) DEC

E

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							2	VISIBILITY (STATIOLE MILES)	1016	(63						
(FEET)	71	٥ ٨١	87	AI AI	8 1	> 21/2	2 41	٧١ ٧	¥1 ¥	-	% Al	*	Z AI	2 5/16	AI 3	٨١
NO CEILING		53.6		54.8	54.8	55.3		55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
N 20000		56.8	•	8	*	6	29.4	6	6	6				6	•	59.4
V 18000		56.8	1.85		8		6		59.4	29.4		6		6	6	59.4
00091 1		56.8		58.7	58.7	6	59.4				-			59.4	6	59.4
> 14000		57.4	58.7		59.4	0	0		0.09		0		0.09		0.09	0.09
12000		59.4	1.09	61.3	61.3	•		61.9	-		-	61.9	-	6119	-	61.9
		62.6		64.5	4.				65.2			3.				65.2
000 1 A I		62.6		64.3	64.5	65.2	5.59	65.2	5		3		2	65.2		65.2
1		65.2							8		6		6			0.69
1 1 1			60.9	67.1	67.1	67.7	67.7	4.89			6	0.69		0.69		69.0
1		65.8		67.7	67.1	00		6		6	6	6		6		69.7
2005		65.8	67.1	67.7	67.7	4.89	0.69			70.3	0	70.3				70.3
1		8.59		67.7	-	90	6	6		ċ	0					0
1 1		66.9	67.7	68.4		0.69	0	70.3	70.3	71.0	71.0	-	71.0		71.0	
		68.4				-	-	72.3		2	2	2		72.9		5
3000		69.7		71.6	71.6	72.3				3				4		74.2
1		69.7				2.		74.2				*		74.8		*
7 2000		73.6					8	•		6	6	6		6	6	
		74.2		8.9		-	*					0		80.0		
1500		76.1		0		80.0		81.9			3.	N	5	85.6	5	82.6
1		16.8	78.7			0	-	2		83.2				63.2	83.2	3
100		78.1	80.7	-			*	85.2		85.8	5	2	3		•	85.8
		4.61		83.2		*	85.8		86.5	87.1	87.1		87.1	87.1	87.1	87.1
8		79.4				84.5	•	86.5		87.1		87.1		87.1	87.1	87.1
		80.0		84.5	3		-		87.7			80	0	8	8	88.4
8		82.6		87.1	1.18			90.3			-	•		91.0	-	91.0
1		83.2	3	87.7	89.0	89.1	-					2.	7	2.		
141		83.9		86.4	6	0	-	•	2		3		3	2	2	
		83.9	87.1	0.68	0116	91.0	6.26	93.6	93.6	2.46	7.96		2.46	94.2	34.5	94.8
78		3			:	2	3			4	*	;	;	4	;	95.5
			87.1	0.60	0.16	92.3	•	2.46	2005	94.8	45.5	35.5		•	62.5	96.1
٨١		83.9	•		-		3				2	•	0	0		0000

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

### CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

93841 STATION

ALL HOURS (LST.) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

56.1 56.4 56 56.1 56.4 56 56.1 56.4 56 56.3 56.4 56 56.0 58.3 58 51.9 62.3 58 66.1 66.7 66 66.1 66.7 66 66.1 66.7 66 66.1 66.7 66	55.7 55.7 55.7 55.7 56.7 56.1 61.3 61.3 61.3 65.3
56-1 56-4 56-6 55-6 55-6 55-6 55-6 55-6 55-6	732.000.000.000.000.000.000.000.000.000.0
56-1 56-6 56-6 56-6 56-6 56-6 56-6 56-6	55. 56. 57. 56. 57. 57. 57. 57. 57. 57. 57. 57
56.9 56.9 56.6 56.9 56.6 56.9 56.9 56.9	00000000Nm
56.0 56.9 56.9 56.9 56.9 56.9 56.9 56.9 56.9	0 n n o 0 0 N m
58.0 58.3 61.9 61.9 65.0 65.0 65.0 65.0 65.0 65.0 65.0 65.0	
61.6 61.9 6 61.9 62.3 6 65.0 66.0 6 66.1 66.7 6 67.3 67.2 6 67.3 67.9 6	יחוחס בר בס ס מחי
61.9 62.3 6 65.6 66.0 6 66.1 66.7 6 67.3 67.2 6 67.3 67.2 6	שמס סר רס סמח
65.6 66.0 6 66.1 66.7 6 67.3 67.2 6 67.3 67.9 6	2000-100NE
66.1 66.7 6 67.3 67.2 6 67.3 67.9 6	חמר המסמח
66.0 67.2 6 67.3 67.9 6 68.0 68.6 6	פחוס סחח
68.0 68.6 6	00 Nm
68.0 68.6 6	-aonm
	o o nm
69.7 70.3 7	onmi
71.0 71.6 7	
72.5 73.2 7	
13.6 74.4 7	1
76.3 77.1 7	•
76.6 77.4 7	.0
79.1 79.9 8	
80.5 81.4	
82.0 83.0 8	-
82.9 8	3
84.4 85.4 8	4
8 6.98 6.58	•
87.3 88.3 8	86.9
89.2 90.3	
90.9 92.3 9	0
1.5 93.0	91.1
92.2 93.8 9	-
92.	11.9
92.4 94.2 9	

TOTAL NUMBER OF OBSERVATIONS

## CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

WHITING FIELD, FLURIDA

ALL HOURS (187) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

26 25 24 29 29 29 29 21% 21% 46.1 46.1 46.1 46.1 46.1 46.2 51.3 51.3 51.3 51.3 51.3 51.3 51.3 51.3

0

TOTAL NUMBER OF OBSERVATIONS

14607

SMOS DIRNAVOCEANMET

SKY COVER

STATION MENTING FIELDS FLURIDA STATION MANE

0

0

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	۰	-	2	8	1	3	9	7	8	٥	0	SKY COVER	088.
JAN	00	30.3	3.2	1.9	5.2	1.9	1.9	3.2	1.3	2.6	3.2	45.2	5.7	155
	0.3	26.5	2.6	1.3	5.5	2.6	1.9	9	3.9	1.9	4.5	0.64	6.2	155
	90	23.9	2.6	1.3	2.6	2.0	9.	2.6	3.9	0.6	9.2	4.84	6.9	155
	60	15.5	4.5	3.2	5.8	1.9	1.9		4.5	7.7	7.1	47.7	8.0	155
	12	18.7	3.9	6.9	3.2	3.2	5.2	3.2	4.5	7.1	0.6	35.5	6.1	155
	15	18.1	4.5	4.5	3.2	6.5	2.6	2.6	6.5	7.7	13.5	32.3	5.9	155
	60	18.1	2.6	7.1	3.5	2.6	5.2	3.2	3.9	8.4	7.1	38.7	6.9	155
	21	28.4	2.6	4.5	4.5	3.9	1.3	30	1.3	3.9	1.9	41.9	5.6	155
10	TOTALS	22.4	3.3	3.8	4.1	2.9	2.6	2.7	3.7	0.0	6.1	42.3	6.2	1240

0

0

SKY COVER

WHITING FIELD, FLURIDA

73-77

QOII

- F

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LS.T.)	0	-	2	6	-	5	9	7	80	6	01	SKY COVER	0.08 0.08 0.04
ex us us	00	41.1		4.3	3.5		2.1	4.0	2.1	5.7	2.8	31.2	4.7	141
	03	36.9	1.4	4.3	5.0	2.8	1.4	3.5	2.1	2.1	2.8	37.6	2.0	141
	90	28.4	2.1	5.0	5.0	1.4	3.5	4.3	3.5	7.8	4.9	32.6	5.5	141
	0.0	27.7	2.1	5.0	4.0	2.1	1.4	3.5	4.0	11.3	6.6	24.1	5.3	141
	12	27.7	5.0	3.5	5.7	2.1	5.7	2.8	8.5	7.8	10.6	20.0	5.1	141
	15	30.5	4.9	4.3	4.3	2.8	4.3	3.5	4.3	10.0	7.1	22.0	4.8	141
	18	24.1	9.5	4.3	5.0	5.7	7.1	3.5	1.4	4.3	7.1	28.4	5.0	141
	21	38.3	1.4	5.0	4.3	5.0	4.3	3.5	2.8	3.5	۲.	31.2	4.5	141
5	TOTALS	33.08	3.5	6.4	6.4	20.00	3.7	3.9	3.9	9.9	5.9	28.5	5.0	1128

## SKY COVER

93841 WHITING FIELDS FLURIDA

0

0

0

73-77

PERIOD

03 20.6 4.5 2.6 5.8 2.6 1.9 1.9 3.2 3.9 0.8 20.6 12.3 3.2 3.9 1.9 3.2 2.6 1.9 1.9 3.2 7.7 0.6 12.3 3.2 3.9 1.9 2.2 2.6 1.3 5.2 8.4 0.9 15.5 1.9 2.6 4.5 4.5 2.6 6.5 5.8 7.7 1 12.9 1 12.9 2.6 5.6 5.8 7.7 1 12.9 1 12.9 3.9 3.9 3.2 5.8 2.6 1.9 5.8 7.7 1 12.9 1 12.9 3.9 3.2 3.3 4.2 3.5 2.8 5.3 7.5 175		HOURS				PERCENTAG	E FREQUENC	Y OF TENTH.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
03 20.6 4.5 2.6 5.8 2.6 1.9 1.9 3.2 3.9 0.6 12.3 3.2 3.9 1.9 3.2 2.6 1.3 5.2 8.4 0.5 12.3 3.2 3.9 1.9 3.2 2.6 1.3 5.2 8.4 0.5 1.9 2.6 4.5 4.5 2.6 2.6 5.2 7.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MONTH	(1.5.7.)	0	-	2	m	-	20	9	7	8	6	0	SKY COVER	OBS.
03     20.6     4.5     2.6     5.8     3.9     3.2     7.7       06     12.3     3.2     3.9     1.9     3.2     2.6     1.3     5.2     8.4       12     8.4     7.1     2.6     4.5     4.5     2.6     5.8     6.5     5.2     8.4       12     8.4     7.1     2.6     4.5     4.5     2.6     2.6     2.6     5.8     7.1     1       18     12.9     2.6     2.6     3.2     4.5     2.6     2.6     7.1     1       21     18.7     3.9     3.2     3.2     5.8     2.6     1.9     5.8     7.7       21     18.7     3.9     3.2     5.8     2.6     1.9     5.8     7.7       21     14.8     3.2     3.3     3.5     2.6     1.9     5.8     7.7       3.2     3.2     3.3     3.3     3.5     2.8     5.3     7.5	AAB	00	21.9	4.5	2.6	5.8	2.6	1.9	1.9	3.2	3.9	3.2	48.4	6.3	155
06     12.3     3.2     3.9     1.9     3.2     2.6     1.3     5.2     8.4       09     15.5     1.9     2.6     .6     6.5     5.8     4.5       12     8.4     7.1     2.6     4.5     4.5     2.6     2.6     2.6     5.2     7.1       15     8.4     2.6     5.6     2.6     2.6     2.6     5.8     7.7       18     12.9     2.6     2.6     2.6     2.6     7.1     12.9       21     18.7     3.9     3.2     5.8     2.6     1.9     5.8     7.7       21     18.3     3.9     3.2     5.8     2.6     1.9     5.8     7.7       14.8     3.2     3.3     4.2     3.5     2.8     5.3     7.5		03	20.6		4.5	2.6	5.8	3.9	3.9	•		9.	47.1	4.0	155
12       8.4       7.1       2.6       4.5       2.6       6.5       5.8       6.5       7.1         12       8.4       2.6       4.5       2.6       2.6       2.6       2.6       5.2       7.1       1         18       12.9       2.6       2.6       3.2       4.5       2.6       2.6       5.8       7.7       1         21       18.7       3.9       3.9       3.2       5.8       2.6       1.9       5.8       7.7         21       18.7       3.9       3.9       3.2       5.8       2.6       1.9       5.8       7.7         21       18.8       3.9       3.9       3.2       5.8       2.6       1.9       5.8       7.7		90	12.3	3.2	3.9	1.9	3.2	2.6	1.3	5.2	8.4	0.6	0.65	7.3	155
12       8.4       7.1       2.6       4.5       4.5       2.6       5.2       2.6       5.2       7.1       1         15       8.4       2.6       5.8       2.6       6.5       5.2       2.6       5.8       7.7       1         18       12.9       2.6       2.6       3.2       4.5       2.6       2.6       7.1       12.9       1         21       18.7       3.9       3.9       3.2       5.8       2.6       1.9       5.8       7.7         21       18.7       3.9       3.2       5.8       2.6       1.9       5.8       7.7		60	15.5	1.9		2.6	9.	6.5		6.5	4.5	7.1	49.0	7.1	155
15     8.4     2.6     5.8     2.6     6.5     5.2     2.6     5.8     7.7       18     12.9     2.6     2.6     3.2     4.5     2.6     2.6     7.1     12.9       21     18.7     3.9     3.2     5.8     2.6     1.9     5.8     7.7       21     18.7     3.9     3.2     5.8     2.6     1.9     5.8     7.7       31     3.2     3.2     3.3     4.2     3.5     2.8     5.3     7.5		12	4	7.1	2.6	4.5	4.5	2.6	9.2	5.5	7.1	18.1	37.4	7.0	155
18     12.9     2.6     2.6     2.6     7.1     12.9     1       21     18.7     3.9     3.2     5.8     2.6     1.9     5.8     7.7       21     18.7     3.9     3.9     3.2     5.8     2.6     1.9     5.8     7.7       14.8     3.2     3.2     3.3     4.2     3.5     2.8     5.3     7.5		15	8.4	2.6	5.00	2.6	6.9	5.2	2.0	8	7.7	12.9	0.04	7.1	155
21 18.7 3.9 3.2 5.8 2.6 1.9 5.8 7.7		18	12.9	2.6	2.6	3.2	4.5	2.6	2.6	7.1	12.9	10.3	38.7	7.0	155
14.8 3.2 3.3 4.2 3.5 2.8 5.3 7.5		21	18.7	3.9	3.9	3.5	5.8	2.6	1.9	5.8	7.7	4.8	38.1	6.3	155
14.8 3.2 3.3 4.2 3.5 2.8 5.3 7.5															
14.8 3.2 3.2 3.3 4.2 3.5 2.8 5.3 7.5															
14.8 3.2 3.3 4.2 3.5 7.5															
	101	ALS	14.8	3.2	3.2	3.3	4.2	3.5	2.8	5.3	7.5	8.7	43.5	6.8	1240

SKY COVER

WHITING FIELD, FLORIDA 93841

73-77

1811

	MOLIBA				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(1.5.7.)	0	-	2	8	•	5	9	7	80	6	01	SKY COVER	OBS.
APR	00	41.3	2.7	4.7	4.7	2.7	2.0	1.3	2.7	7.8	7.3	22.0	4.3	150
	03	37.3	2.7	1.3	7.3	4.0	3.3	3.3	5.3	4.7	7.3	23.3	4.5	150
	90	22.0	4.7	6.0	3.3	5.3	3.3	2.7	3.3	7.3	10.7	31.3	5.7	150
	60	22.7	5.3	3.3	6.7	5.3	4.7	2.7	8.7	8.7	10.0	22.0	5.3	150
	12	19.3	0.0	4.0	1.3	4.7	7.3	7.3	5.3	14.0	10.7	20.02	5.6	150
	15	19.3	5.3	9.3	3.3	0.4	5.3	5.3	8.0	0.9	10.0	24.0	5.4	150
	1.8	19.3	10.7	8.7	4.0	2.7	6.0	5.3	2.7	5.3	10.0	25.3	5.2	150
	21	38.0	7.3	4.7	4.7	0.4	2.7	4.0	4.0	4.0	5.3	21.3	4.1	150
Ιο̄	TOTALS	27.4	5.6	5.3	4.4	4.1	4.3	0.4	5.0	7.3	9.	73.7	5.0	1200

WI DE

5704 SKY COVER JAN 68

SKY COVER

MHITING FIELDS FLURIDA STATION NAME 93841 STATION

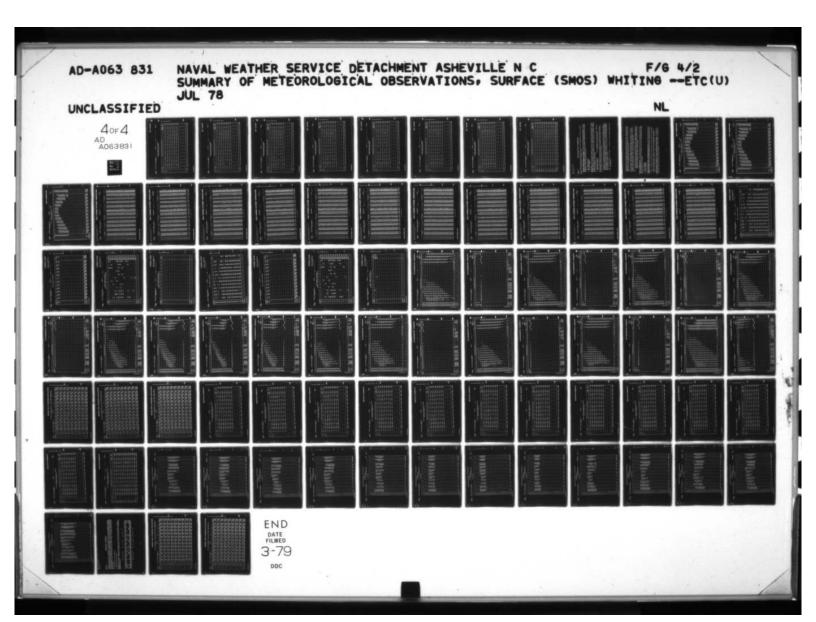
73-77

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	E FREQUENC	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIH	(1.5.T.)	0	-	2	6	4	3	9	7	80	6	01	SKY COVER	OBS.
MAY	00	29.7	3.2	7.7	4.8	4.5	6.5	2.6	4.5	7.1	2.6	23.2	4.5	155
	03	20.0	4.5	7.1	6.5	6.9	8.4	2.6	5.2	7.7	5.5	26.5	5.3	155
	90	10.3	3.9	6.5	4.0	5.5	3.9	3.9	4.5	11.6	11.0	31.0	4.0	155
	60	16.1	4.5	3.2	3.2	4.5	7.7	7.1	12.3	11.0	7.7	22.6	5.9	155
	12	7.1	1.3	2.6	4.5	5.2	4	4.5	15.5	14.2	12.9	23.9	6.9	155
	12	5	3.2	5.2	9.6	4.5	5.8	5.8	13.5	14.2	7.6	23.9	6.9	155
	18	12.3	2.6	5.5	7.1	5.0	2.6	3.2	8.4	11.6	12.9	28.4	4.0	155
	21	22.6	4.5	5.8	5.8	0.6	7.7	4.5	4.5	9.0	5.5	21.3	5.0	155
101	TOTALS	ur ur	4	1	2.4		4.4	4.3	4	80	4.0	25.	0	1240
			4	48.3	200	4.	200	-	N . W			4 . 4		2

=





WHITING FIELD, FLORIDA 93841 STATION

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAC	SE FREQUENC	CY OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MOMIN	(LS.T.)	0	-	2	8	•	5	9	7	<b>∞</b>	6	9	SKY COVER	OBS.
NON	00	32.7	4.0	10.0	9.3	11.3	4.0	3.3	0.9	9.3	2.7	7.3	3.5	150
	60	34.7	5.3	9.3	14.0	8.0	4.0	3.3	4.0	7.3	.,	9.3	3.2	150
	90	13.3	4.7	10.0	7.3	8.0	7.3	4.7	6.7	6.7 15.3 13.3	13.3	9.3	5.3	150
	60	14.0	2.7	8.0	0.9	8.7	6.6	10.0	10.7 15.3	15.3	6.0	7.3	5.5	150
	12	2.7	4.7	4.7	4.0	6.7	8.0	12.7	12.7 17.3 15.3	15.3	16.0	8.0	4.9	150
	15	2.7	2.0	2.0	6.9	10.7	10.0	0.9	6.0 12.7 13.3	13.3	14.7	16.7	9.9	150
	18	10.0	3.3	5.3	6.0	4.0	3.3	0.9	11.3 13.3	13.3	22.0	15.3	4.0	150
	12	20.0	6.7	7.3	8.7		0.0	6.7	0.8	12.7	11.3	7.3	4.7	150
101	TOTALS	16.3	4.2	7.1	8.1	7.8	6.5	9.9	9.6	9.6 12.7 11.1 10.1	11.1	10.1	5.2	1200

OBO

5704 SKY COVER JAN 68

WHITING FIELDS PLURIDA

73-77

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	154	155	155	155	155	159	155	155		1239
MEAN	SKY COVER	9.4	403	5.8	5.7	7.2	7.5	7.8	0.0		6.1
	01	9.7	7.7	11.0	18.1	18.1	19.4	31.0	22.6		17.2
	6	7.1	6.9	15.5	11.6	20.6 16.1	17.4	7.7 17.4 20.0 31.0	6.5		7.7 13.8 12.6 17.2
	<b>∞</b>	5.8	5.2	12.9	12.3 11.6	20.6	24.5 17.4	17.4	11.6		13.8
SKY COVER	7	6.5	5.8	7.7	5.8	7.7	11.6	7.7	9.0		7.7
OF TOTAL	•	7.8	5.8	6.5	7.1	7.6	4.5	5.2	5.2		6.5
OF TENTHS	5	11.7	9 . 6	9.0	9.8	12.9	11.0	5.8	5.8		9.1
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	•	11.0	12.3	11.0	6.5	8.4	5.2	3.9	10.3		3.8
PERCENTAG		7.6	13.5	7.6	5.8	5.2	4.5	5.2	10.3		8.0
	2	10.4	0.0	7.1	7.7	9.	1:3	9.	11.0		6.0
	-	4.5	4.5	5.8	741	9.	9.	1.3	3.9		3.5
	0	15.6	21.3	3.9	1.6			1.9	3.9		7.0
HOURS	(LS.T.)	00	03	90	60	75	15	1.8	77		SII
-	MONIT	100									TOTALS

OFO

SKY COVER JAN 68 

WHITING FIELDS FLORIDA

73-77

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	0.00	155	155	155	155	155	155	155	155		1240
MEAN	SKY COVER	3.7	3.2	5.4	5.8	7.2	7.6	7.5	5.3		
	01	7.1	8.4	13.5	11.6	16.1	21.3	56.5	16.1		1.6.1
	6	3.9	1.3	12.9	12.3	17.4	21.9	26.5	7.7		13.0
		6.9	3.9	5.8 10.3 12.9	16.1 12.9 12.3	16.1 21.9 17.4 16.1	19.4	8.4 13.5 20.5 26.5	4.8		9.7 12.1 13.0 15.1
SKY COVER	7	7.1	5.2	5.68	16.1	16.1	10.3 19.4	8.4	4		0.7
S OF TOTAL	9	7.1	4.5	1.3	4.5	3.2	5.8	3.9	6.5		4.4
Y OF TENTH	*	6.5	7.1	12.3	11.6	10.3	7.6	4.5	10.3		0
PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	7	6.5	7.7	9.7 10.3	3.9	4.5	6.5	2.6	0.6		4.4
PERCENTAG	8	11.0	11.0	7.6	4.8	7.1	2.6	4.5	7.1		7.7
	7	11.6 11.0	12.3	9.0	6.5		9	4.5	6.7		ď
	-	4.5	7.1	4.5	1.3	1.9	1.9	1.3	2.6		-
	0	28.4	31.6	10.3	11.0	1.3		3.9	14.2		13 4
HOURS	(LS.T.)	00	03	90	60	77	15	133	21		SIN
1	MONIN	AUG									TOTALS

Fo

SKY COVER

WHITING FIELDS FLURIDA

0 0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02 28.0 5.3 6.7 8.0 4.7 5.0 8.7 4.0 5.0 3.3 19.3 4.4 6.3 13.3 5.7 4.5 6.0 8.7 4.0 6.0 3.3 19.3 4.4 6.3 13.3 5.7 10.7 3.3 4.7 5.3 4.0 6.7 5.3 5.3 5.7 4.5 6.0 13.3 5.3 5.7 6.0 6.7 6.0 6.7 8.0 12.0 24.7 5.8 6.0 12.0 24.7 5.8 12 6.0 6.0 6.7 14.7 16.0 16.0 22.0 7.0 15 6.0 6.0 6.7 14.7 16.0 16.0 22.0 7.0 15 6.0 6.0 6.7 14.7 14.0 18.0 24.0 7.0 7.0 18 7.3 6.0 6.0 6.7 4.0 4.0 10.7 6.7 22.0 4.9 6.5 16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7 5.7		HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
03 31.3 2.7 10.7 3.3 4.7 5.9 6.7 4.0 6.0 3.3 19.3 4.4 6 6.0 31.3 2.7 10.7 3.3 4.7 5.3 4.0 6.7 5.3 5.3 5.3 20.7 4.5 6.6 14.7 5.3 4.0 6.7 4.0 6.7 5.3 5.3 20.7 4.5 6.0 14.7 5.3 10.0 24.7 5.8 6.0 12.0 24.7 5.8 6.0 12.0 24.7 5.8 6.0 12.0 24.7 5.8 6.0 12.0 24.0 7.0 15 6.0 6.0 6.7 4.7 7.7 7.3 17.3 18.0 22.0 7.0 7.0 18 7.3 6.0 6.0 7.3 6.7 2.7 2.0 4.7 14.0 18.0 25.3 6.5 21 27.3 2.7 7.3 8.0 5.3 2.0 4.0 4.0 10.7 6.7 22.0 4.9 6.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7 5.7	MONTH	(1.5.1.)	•	-	2		-	3	9	7		6	01	SKY COVER	0.00
03       31.3       2.7       10.7       3.3       4.7       4.0       6.7       5.3       5.3       20.7       4.5         06       14.7       5.3       4.0       6.7       4.7       4.0       6.7       9.3       10.0       24.7       5.8         02       13.3       5.3       6.0       6.7       4.0       6.7       8.0       12.0       23.3       5.7         12       6.7       7.2       6.0       6.0       6.0       6.0       6.0       16.0       12.0       24.0       7.0         18       7.3       6.0       6.0       4.0       14.7       14.0       18.0       24.0       7.0         21       27.3       2.7       2.7       2.0       4.0       10.7       6.7       24.0       7.9         21       27.3       2.0       4.0       4.0       10.7       6.7       6.9         21       27.3       2.0       4.0       4.0       10.7       6.7       22.0       4.9         21       6.0       6.1       6.3       5.5       5.0       4.0       10.7       6.7       22.7       5.7	SEP	00	28.0	5.3	5.7	8.0	4.7	0.0	6.7	4.0	0.9	3.3	A REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN	4.4	150
05     14.7     5.3     4.0     8.0     6.7     4.0     6.7     9.3     10.0     24.7     5.8       09     13.3     5.3     8.0     6.7     6.7     6.7     8.0     12.0     23.3     5.7       12     6.7     7     2.0     6.0     6.0     6.0     6.0     6.0     6.0     7.0       15     6.0     2.0     4.0     6.7     7.7     7.3     17.3     18.0     24.0     7.0       16     7.3     6.0     6.0     7.3     6.7     2.7     2.0     4.7     14.0     18.0     25.3     6.5       21     27.3     2.7     7.3     10.7     6.7     20.0     4.9       21     27.3     2.7     2.0     4.0     4.0     10.7     6.7     22.0     4.9       16.8     3.8     6.1     6.3     5.5     5.0     4.8     7.1     10.8     11.2     22.7     5.7		03	11.3	2.7	10.7	3.3	4.7	513	4.0	6.7	5.3	5,3	20.7	4.5	150
19.3       5.3       8.0       6.7       4.0       6.7       8.0       12.0       23.3       5.7         12       6.7       2.0       4.0       6.0       4.0       6.7       14.7       16.0       16.0       22.0       7.0         15       6.0       2.0       4.0       6.7       4.7       7.3       17.3       18.0       24.0       7.0         18       7.3       6.0       7.3       6.7       2.7       7.3       18.0       25.3       6.5         21       27.3       2.7       7.3       4.0       4.0       10.7       6.7       22.0       4.9         21       27.3       2.7       3.8       6.1       6.3       5.3       2.0       4.0       10.7       6.7       22.0       4.9         15.8       3.8       6.1       6.3       5.5       5.0       4.8       7.1       10.8       11.2       22.7       5.7		90	14.7	5.3	0.4	8.0	5.1	4.7	0.4	8.7	9.3	10.0	24.7	5.8	150
12 6.7 .7 2.0 3.3 6.0 6.0 6.7 14.7 16.0 16.0 22.0 7.0 15 6.0 2.0 4.0 6.0 4.0 6.7 7.3 17.3 18.0 24.0 7.0 18 7.3 6.0 6.0 7.3 6.7 2.7 2.0 4.7 14.0 18.0 25.3 6.5 21 27.3 2.7 7.3 8.0 5.3 2.0 4.0 4.0 10.7 6.7 22.0 4.9 16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7		60	13.3	5.3	0.8	1.0	0.0	5.7	0.4	6.7	1	12,0	23.3		150
15       6.0       2.0       4.0       6.0       4.0       6.7       7.3       17.3       18.0       24.0       7.0         18       7.3       6.0       7.3       6.7       2.7       2.0       4.7       14.0       18.0       25.3       6.5         21       27.3       2.7       7.3       8.0       5.3       2.0       4.0       4.0       10.7       6.7       22.0       4.9         16.8       3.8       6.1       6.3       5.5       5.0       4.8       7.1       10.8       11.2       22.7       5.7		12	5.7	7.	2.0	3.3	0.9	0.9	6.7	14.7	16.0	16.0	22.0	7.0	150
18 7.3 6.0 6.9 7.3 6.7 2.7 2.0 4.7 14.0 18.0 25.3 6.5 21 27.3 2.7 7.3 8.0 5.3 2.0 4.0 4.0 10.7 6.7 22.0 4.9 16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7		15	0.9	2.0	4.0	0.0	4.0	6.1	4.7	7.3	17.3	18.0	24.0		150
21 27.3 2.7 7.3 8.0 5.3 2.0 4.0 10.7 0.7 22.0 4.9 16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7		18	7.3	0.9	6.0	7.3	1.9	2.7	2.0	4.7	14.0	18.0	-	6.5	150
16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7		27	27.3	2.7	7.3	0.8	5.3	2.0	4.0	4.0	10.7	6.1	-	6.4	150
16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7															
16.8 3.8 6.1 6.3 5.5 5.0 4.8 7.1 10.8 11.2 22.7 5.7															
	5	TALS	16.8	3.8	6.1		5.5	5.0	8.4	7.1	10.8	11.2	22.7	5.7	1200

OBO

5704 SKY COVER JAN 68

0

E

WHITING FIELD, FLORIDA

93841

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE PREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTHS	OF TOTAL	SKY COVER				MEAN	TOTAL
MONTH	(LST.)	•	-	2	3	•	3	•	1		6	9	SKY COVER	98.
130	00	55.5	1.9	2.6	6.5	2.6	3.2	1.3	1.9	5.2	3.9	3.9 15.5	3.1	155
	03	31.6	2.6	3.2	6.5		5.8	1.3	5.2	5.2	1.9	16.8	3.3	155
	90	32.3	7.6	2.6	4.5	5.5	5.5	3.9	5.8	4.5	7.1	7.1 19.4	4.3	155
	60	38.7	7.1	2.6	3.2	2.6	3.2	4.5	4.	7.7	2.6	19.4	4.1	155
	12	22.6	7.7	5.8	7.7	5.5	7.7	5.5	5.8	1.6	5.8	16.8	4.7	155
	15	25.2	5.2	5.8	9.0	11.0	1.3	3.2	4.5	7.1	7.1 10.3	17.4	4.7	155
	18	27.1	4.8	10.3	7.6	6.5	3.5	1.9	3.9	4.5	9.7 14.8	14.8	1.,	155
	21	0.65	6.5	6.5	3.5	2.6	3.9	2.6	3.9	5.6	1.9	17.4	3.1	155
101	TOTALS	37.8	6.1	4.9	6.3	4.5	4.2	3.0	4.9	5.8		5.4 17.2	3.9	1240

0

SKY COVER

93841 MHITING FIELDS FLORIDA

73-77

VON

5

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIN	(1.5.1.)	•	-	2	9	-	3	•	1		٥	9	SKY COVER	
NON	90	40.7	4.7	0.4	4.0	0.4	3.3	.7	2.7	4.0	3.3	28.7	**	150
	03	38.0	2.7	1.3	5.3	0.9	2.0	3.3	2.7	4.7	6.7	27.3	4.6	150
	90	7.87	7.3	3.3	4.7	2.0	4.0	2.0	4.7	4.7	6.7	32.0	5.2	150
	60	27.3	0.0	5.3	3.3	3.3	2.0	2.0	4.7	4.7	8,0	33.3	5.4	150
	12	20.7	5.3	4.0	7.3	4.0	4.0	1.3	0.0	1.9	6.7 16.7 24.0	24.0	5.6	150
	15	18.7	0.0	4.7	0.0	6.7	5.3	4.7	0.0	6.7	6.7 10.0	25.3	5.5	150
	18	26.0	24.0 10.7	8.0	2.3	5.3	4.0	2.7	2.7	7.3	1.0	23.3	4.7	150
	17	42.7	3.3	4.7	3,3	2.7	1.3	0.4	4.7	2.0	4.7	26.7	4.2	150
Ď	TOTALS	1 08	of the second	4.4	6.4	4.3	0	9.6	. 4	2.5		7.9 27.6	0.4	1200

OFO

73-77

WHITING FIELDS FLURIDA

0

0

0

0

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				NEAN TENTHS OF	TOTAL
	•	-	2		-	9	•	,	•	6	01	SKY COVER	OBS.
	0.04	3.2	6.1	1.9	3.9	2.6	6.1	2.6	3.5	3.2	35.5	8.4	155
03	39.4	3.2	9	3.9	5.5	1.3	1.9	1.9	4.5	4.5	33.5	8.4	155
90	29.7	5.8	6.5	4.5	1.3	1.9	3.9	1.9	3.2	5.8	35.5	5.2	155
60	23.2	5.8	4.5	4.5	3.9	3.9	2.6	1,3	5.8	11.0	33.5	5.7	155
12	18.1	7.1	7.1	5.2	3.9	2.6	4.5	5.2	0.6	7.1	30.3	5.7	155
_	16.8	4.5	4.5	5.5	5.2	3.9	4.5	7.7	7.6	1.6	28.4	0.9	155
18	21.9	7.1	6.5	5.8	1.3	2.6	5.5	3.9	4.5	4.0	32.9	5,5	155
21	34.2	5.8	2.6	5.8	2.6	1.3	3.9	3.2	5.2	4.5	31.0	4.8	155
	27.9	5.3	4.3	9.4	3.4	2.5	3.6	3.5	5.6	9.0	32.6	5.3	1240

D

0

SKY COVER

93841 MHITING FIELDS FLURIDA

73-77

COURT

0

JAN JAN	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
JAN	(1.5.7.)	0	-	2		-	5	9	7		6	01	SKY COVER	OBS.
	ALL	22.4	3.3	3.8	4.1	2.9	2.6	2.7	3.7	0.9	6.1	42.3	6.2	1240
FEB		31.8	3.5	4.5	6.9	2.8	3.7	3.9	3.9	6.6	5.9	28.5	5.0	1128
HAR		14.8	3.2	3.2	3.3	4.2	3.9	2.8	5.3	7.5	8.7	43.5	6.8	1240
APR		27.4	5.6	5.3	4.4	4.1	4.3	0.4	5.0	7.3	6.9	23.7	5.0	1200
МАУ		15.5	3.5	3.4	6.5	5.7	4.0	4.3	8.6	10.8	6.4	25.1	5.9	1240
NAL		16.3	4.2	7.1	8-1	7.8	6.5	9.9	9.6	12.7	11.1	10.1	5.2	1200
101		7.0	3.5	0.0	8.0	8.6	9.1	6.9	7.7	13.8	12.6	17.2	1.0	1239
AUG		12.6	3.1	6.8	7.7	6.4	9.0	4.6	9.7	12.1	13.0	15.1	5.7	1240
SEP		16.8	3.8	6.1	6.3	5.5	5.0	4.8	7.1	10.8	11.2	22.7	5.7	1200
100		37.8	100	6.4	6.3	4.5	4.2	3.0	4.9	5.8	5.4	17.2	3.9	1240
NON		30.1	5.8	4.4	4.9	6.9	3.2	2.6	4.3	5.1	1.9	27.6	4.9	1200
DEC		27.9	5.3	413	4.6	3.4	2.5	3.6	3.5	5.6	6.8	32.6	5.3	1240
101	TOTALS	21.7	4.2	3.2	5.8	5.0	5.0	4.1	6.1	8.7	8.8	25.5	5,5	14607

Asheville, N. C.

## PART E

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
- . Daily maximum temperature
  - . Daily minimum temperature
    - . Daily mean temperature
- Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. of daily extreme temperatures are prepared: oi
- . Extreme maximum temperature . Extreme minimum temperature
- NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided: ÷.
- Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Potal observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb which may require two pages in some cases.
- A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent. NOTE:

- Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\sum X)$ , and standard deviations  $(\sigma X)$ . The number of observations used in the computations for each element is also shown. ò
- represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period the annual summary, or mean number of hours per month in the tabulations by month. ;

Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not observations recorded during these periods. All values of dew-point temperature and relative reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for humidity are with respect to water, unless otherwise indicated.

- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
- . Wet-bulb temperature
- . Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary. è,
- The main body of the summary consists of dry bulb temperatures spread vertically in four degree incre-Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. ments and horizontally by eight wind directions (plus calm). 9

0.00

0 0 0

## DAILY TEMPERATURES

TEMP	(de) di	JAN.	FEB.	MAR.	APR	MAY	NO.	JUL	AUG.	SEP	OCT.	NON	DEC	ANNOAL
AI	100						1.7							2.
AI	9.8					3.6		1						, ,
AI.	90			-	2.1	19.5	- 1							20.3
AI	88	1.		1.1		56.8							-	36.6
AI	80	0		11.7		84.4			100				1.8	49.9
AI	75	10.6	12.2	35.3	78.9	95.5	99.7	100.0	6.66	96.4	77.9	31.1		62.2
Al	70	28.4		58.7		99.1								73.6
AI	69	45.8	55.9	78.5		666							50.7	83,1
٨١	00	60.5	73.3	88.7						100.0				89.5
AI	53	75.0	_	95.8		100.0								94.2
AI.	20	86.1		98.6										97.3
AI	4.5	93.5	6.96	99.8								99.5		99.0
AI	04	97.4		100.0								6.66		99.7
	25											100.0		99.6
AI	30	6 66												100.0
Ai	25	100.0											100.0	1000
Ai														
Ai														
Al														
A														
AI														
AI														
Al														
AI														
A)														
A														
A)														
Al														
Al														
AI														
AI.														
Al														
Al						- 1								
¥	MEAN	61.8	9.49	10.4	78.2					80.0	78.6	99.1	93.4	17.4
**	S. D.	10.510	9.232	- 1		0000	4004	4.140	4.238					12.676
TOT						1								

NAVWEASERVCOM

0 0 0.

2

3

WHITING FIELD, FLURIDA

27.6

7

.

MINIMUM

(FROM DAILY OB

MAY

APR.

MAR.

FEB.

NA.

TEMP (PF)

94.2

65.8 83.0

23.7

18.4

32.0

20

19 33 30

44.0

100.0

0 6 6

0 0 0 0 0

65.5

100.0

91.7

100.0

99.8 100.0

A

M

0

18.6

CUMULATIVE PERCENTAGE FRE

MALTING RIELDS FLORIDA

N

0

ANNOAL

DAILY TEMPERATURES

	45-17		YEARS			-	
AGE FREQUENCY OF	UENCY O	AGE FREQUENCY OF OCCURRENCE DAILY OBSERVATIONS)	RENCE			1	
NOT.	JUL	AUG.	SEP.	OCT.	NON	DEC.	
.2	. 2		1.				
13.3	19.7	19.3	4.9	-			
6.4.9	90.1	87.8	54.5	5.7	. 8	.3	
93.1	99.5	98.6	82.9	23.1	5.0		
99.1			94.5	46.9	15.4	8,8	
100.0			98.4	67.1	28.4	15.9	
			9.66	83.7	46.2	27.8	
			99.8	96.3	65.9	42.8	
100			100.0	98.8	78.9		
				66.66	91.1		
				100.0	98.1		
					96.6	97.9	
					10000	8'66	
						6.66	
						100.0	

11.87110.717 955 884 NAVWEASERVCOM

13.865

50.3 57.5 64.7 70.4 72.6 72.3 68.8 57.9 48.2 43.2 9.759 7.736 5.474 3.754 2.562 2.781 4.963 7.89410.04010.636 993 923 975 950 941 984 955 937 924 964

107603

69

0

A A M

Al Al

M

M A A

M

A

S. D. MEAN

TOTAL OBS.

0.00000

YEARS   YEARS   YEARS     YEARS		3 81.8 81.6 77.9 68.8 58.9 53.5 89 2.694 2.922 4.586 6.676 8.658 9.345
VE PERCENTAGE FREQUENCY OF OCCURRENCE   (FROM DAILY OBSERVATIONS)   NAY JUN. JUL. AUG. SEP. OCT.   10 10 1 14 5 14 8 2.5   14 6 60 4 93 6 99 3 99 1 79 8 21 2   14 6 60 4 93 6 99 3 99 1 79 8 21 2   14 6 60 4 93 6 99 3 99 1 79 8 21 2   14 6 60 4 93 6 99 3 99 1 79 8 21 2   14 6 60 4 90 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9 6 9	100.001	2.694 2.922 4.586 6.676
VEARS   VEAR	0.00T	2.694 2.922 4.556
NE PERCENTAGE FREQUENCY OF OCCURR (FROM DAILY OBSERVATIONS)   NAY JUN. JUL. AUG.   14.8   1		2.694 2.922
¥ 1 0000		81.8
¥ 1 0000		3 81.8
¥ 1 0000		7
¥ 1 0000		3.589
JLATIVE APR.	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4.790
W W	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.432
MAR. CU	100000	60.6
MHITING FIELDs FLURIDA SIATION NAME  CUMULAT  JAN. FEB. MAR. APR.  15.9 16.5 34.3 72.	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9.347
NAL NAL	10000	52.3
93841 STAIION TEMP (*P) 90 85 85 75 70	9555555555	MEAN S. D.

0 0 0

·N.

MONTH

YEARS

JANUARY

NAVAL WEATHER SERVICE DETACHMENT DAILY AVE

3841	WHITING FIELDS FLORIDA	1940-19
TATION	STATION NAME	

		DATE	1977	1961	1958	1976#	1976	1959	1970	1970	1970	1962	1962	7961	1962	1961	1964	1972	1977	1948	1977	1971	1661	1961	1963	1963	1963	1977	1966	1963	1966	1966	1966	1963
4P	ME	ွ	-2.8	+*+-		-2.2	+.4-	-3.9	-7.2	-8.0		-8.9	-10.0	+ 6-	-8.3	-6.7	-6.7	-10.0	-8.3	-8.3	-11.7	-7.8	-5.0	-6.7	-8.9	-14.4	-10.0	-1.7	-3,3	+.+-	-8.3	-11.1	-8.3	-14.4
MINIMUM TEMP	EXTREME	40	12	72	82	82	72	52	61	16	1.1	91	**	13	1	50	02	7.5	1.1	1.	=	89	53	92	91	9	*1	67	56	77		12	11	9
M		00	5.6	3.4	1.3	6.7	2.9	2.6	4.6	4.4	5.9	4.6	2.0	6.9	5.6	5.8	6.9	2.4	3.9	1.6	5.4	6.4	500	5.3	2.9	0.0	6.9	7.6	101	9.9	2.9	1.9	9.9	2.1
	AVERAGE	F .	45.0	41.8	45.1	0.44	43.2	42.1	40.3	0.00	42.7	40.2	41.0	40.8	42.0	42.5	43.7	39.6	39.0	41.2	41.8	9.04	41.7	41.5	43.1	42.8	43.4	45.7	45.0	43.5	43.1	43.0	44.3	45.3
		DATE	1975	1965	1952	1972*	1950	1955	1965	1965	6961	1949	1949	1960	1960	1971	1953	1950+	1974	1974#	1968*	1974	1974	1952	1971	1971	1974	1970	1954	1974	1974	1974#	1969	1949
0	3	00	25.0	25.6	25.0	24.4	23.3	23.3	23.9	23.9	26.1	28.9	29.4	25.6	25.6	26.7	25.6	24.4	25.6	24.4	22.8	23.3	25.0	25.0	26.7	26.1	25.6	26.7	25.0	26.1	26.7	25.0	25.6	29.4
MAXIMUM TEMP	EXTREME	<b>u</b> •	44	18	11	9,	16	*	75	75	4	84	85	78	78	80	18	16	78	16	73	1,4	11	11	80	64	78	90	11	64	80	11	78	88
MAX	E	00	1.91	16.0	18.0	16.6	16.2	16.5	16.0	15.8	17.1	15.6	15.6	15.6	15.9	16.0	17.2	15.3	14.7	16.4	15.6	15.6	16.7	16.5	17.5	16.2	17.3	19.0	18.4	17.9	17.6	17.2	16.9	16.6
	AVERAGE	, E	6.09	60.8	4.49	61.9	61.2	61.7	60.8	4.09	62.3	1.09	0.09	60.1	60.7	8.09	65.9	39.6	58.5	9119	60.1	0.09	0.29	61.7	63.5	61.2	63.2	2.99	65.2	2.49	63.7	65.9	62.4	61.8
		00	10.8	10.1	12.7	11.6	11.2	11.1	10.3	10.1	11.5	1001	10.3	10.3	10.1	10.9	11.8	9.6	6.3	10.8	10.5	10.2	11.1	10.9	11.8	11:1	11.8	13.3	13.1	12.1	11.9	11.6	11.8	11.2
MEAN TEMP	AVERAGE	40	51.4	51.3	84.8	52.9	52.2	51.9	90.05	50.2	52.7	50.2	50.5	50.5	51.3	51.7	53,3	9.69	48.7	51.4	6.05	20.4	51.9	51.6	53.3	0.56	53.3	0.95	55.5	53.8	53.4	52.9	53,3	52.1
		DAY	1	2	n	4	9	9	7	00	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	36	27	28	53	30	31	Monthly

0

0

\*ALSO ON EARLIER YEARS

ASHEVILLE, NORTH CAROLINA

NAVAL WEATHER SERVICE DETACHMENT

WHITING FIELD, FLORIDA

STATION NAME

1945-1977

YEARS

MONTH FEBRUARY

AVERAGE

1975 696 1997 1957 957 1957

EXTREME MAXIMUM TEMP

AVERAGE

MEAN TEMP AVERAGE

DAY

27.2 25.0

0

16.4 16.8

61.5

10.8

EXTREME MINIMUM TEMP

5.2

28

\$26

970

996 951

5.7

44.3

46961 1949

1957

25.0 25.6 25.0

18.3 15.4 16.6 17.6 17.8

64.9

12.6

54.6

62.2

11.4

11.9

52.5

in

0

0

89.8

6119

63.7

11.9

11.4

9:1

48.3

52.5

24.4

967

+.+-

23

5.9

1967

-5.0

22

3.7

42.3

1976

25.6

78

63.0

8

\*:

12

13

10 11

o

œ

6.3

43.5

1962

26.1 25.0 24.4

18.6

65.5

12.4

14 15

13.8

12.1

19.3

17.8

27.8

8.3

47.0

1949

-2.2

1661 -3.3

26

-6.7

-3.3

8.2

46.8 45.6

47.3

1976+

1975

26.1 26.1 25.0 26.1 25.0 26.1

26.7

20

18.1

64.6

13.3

16

0

20 19 8 21 22 23

11

65.8 69.5 66.2

13.2 13.2

9/

10 100

18.6 0.61

1976

19630

-2.2

0961

1959

1958 956

1:1-

28

9.0

1.04

1967\* \*6961

44.3 46.1

6.1

43.0

6461

17.6

63.6 65.1 65.6

11.8 12.6

56.2 55.5 53.3 54.7

18.4

19.3

+.4-

-3,3

1963

-2.2

7.3

2.64

1972

25.6

18.2

64.7

12.6

54.6

25

24

27

8

36

8 30

95.4

13.2

19

18.7

1972

80

19.2 20.4

1976

1975\*

44.5

1961

-5.0

9.1

1976

963 967

1963

1991

-111-1

6.8

6. 44

1948

28.3

83

18.1

9.49

12.4

54.4

Monthly

\*ALSO ON EARLIER YEARS

185

DIRNAVOCEANMET-SMOS

-



STATION 93841

## 

## 111

## NAVAL WEATHER SERVICE DETACHMENT DAILY A

# DAILY AVERAGE/EXTREME TEMPERATURES

93841 WHITING FIELD, FLORIDA 1945-1977

YEARS

MARCH

	MEAN TEMP	- WE			MAXIMUM TEMP	MP			×	MINIMUM TEMP	WP	
	AVERAGE	3E	AVERAGE	3.6	EXTREME	ME		AVERAGE	<b>a</b>	EXTREME	ME	
DAY	u.	0,	u.	0.	u.	o.	DATE	u.	000	40	0,	DATE
-	57.1	13.9	67.7	19.8	80	26.7	1972*	46.5	8.1	82	-2.2	1961
2	58.2	14.6	67.8	19.9	82	27.8	1971	48.6	9.2	30	-1.1	1947
0	58.5	14.7	67.8	19.9	4	26.1	1967	6.65	9.6	92	-3.3	1941
4	57.9	14.4	6.99	19.4	80	26.7	1976#	48.8	6.3	92	-3.3	1960
10	\$7.4	14.1	4.99	19.1	80	26.7	1976	48.3	1.6	31	9.0-	1962*
9	57.4	14.1	67.0	19.4	28	27.8	1955	47.9	8.8	92	-3,3	1960
7	57.0	13.9	66.5	19.2	92	27.8	1974+	47.1	8.4	F	9.0-	1966
00	56.3	13.5	66.7	19.3	98	28.9	1974	45.5	7.5	33	9.0	1960
0	57.9	14.4	4.89	20.2	88	29.4	1974	47.2	8.4	35	1.7	1975*
10	59.5	15.3	70.3	21.3	48	28.9	1974#	48.0	2.6	32	0.0	1969
=	61.6	16.4	71.1	21.7	98	30.0	1961	52.1	11.2	30	-1.1	1969
12	62.2	16.8	72.0	22.2	98	30.0	1961	\$2.4	11.3	35	1.7	1969
13	61.3	16.3	70.2	21.2	**	28.9	1954	52.4	11.3	35	0.0	1969
14	60.2	15.7	70.4	21.3	90	30.0	1961	50.1	10.1	30	1:1-	1968
15	61.2	16.2	71.5	6.12	06	32.2	1961	51.0	10.6	34	1:1	1975
16	60.2	15.7	70.7	21.5	82	27.8	1977*	49.7	8.6	36	2.2	1970
17	60.2	15.7	70.6	21.4	8.4	28.9	19634	6.64	6.6	36	2.2	19764
18	61.5	16.4	72.1		83	28.3	19774	91.0	10.6	33	9.0	1973
19	62.4	16.9	72.1	22.3	82	27.8	1963*	52.7	11.5	38	1.7	1949
80	61.3	16.3	70.7		82	27.8	1974	51.9	11.1	33	9.0	1986
21	60.7	15.9	70.3	1	83	26.3	1962	51.2	10.7	30	1.1-	1965
22	59.1	19.1	71.0	21.7	83	28.3	1975	1.84	8.9	38	1.7	1965
23	9.09	15.9	72.6	22.6	86	30.0	1972	48.7	6.8	31	9.0-	1968
24	62.1	16.7	72.7	22.6	93	29.4	1969	51.5	10.8	92	-2.2	1968
25	62.6	17.0	73.0	~	84	28.9	1954	52.1	11.2	31	9.0-	1968
26	60.5	15.8	70.2	21.2	78	25.6	1963#	50.7	10.4	33	9.0	1955
27	60.8	16.0	71.6	~	19	26.1	1945	6.67	6.6	98	-3.3	1955
28	63.6	17.6	73.3	6.22	99	30.0	1972	53.8	15.1	33	1:1	1955
82	65.1	18.4	74.8		907	30.0	1961	55.4	13.0	35	1.7	1955
30	4.49	18.0	74.6	23.7	99	. 31.7	1946	54.2	12.3	38	3.3	1950
31	63.3	17.4	73.7	23.2	84	28.9	1963*	52.9	11.6	37	2.8	1461
Monthly	7.09	15.8	70.4	21.3	06	32.2	1961	50.3	10.2	97	-3.3	1960

\*ALSO ON EARLIER YEARS

0 0 0

1945-1977

WHITING FIELD, FLORIDA

NAVAL WEATHER SERVICE DETACHMENT

ASHEVILLE, NORTH CAROLINA

STATION NAME

STATION 93841

0

0

0

0

0

0

0

YEARS

MONTH APRIL

1969 1972\* 1973\* 1973 1959 1950 1976 1952 1973 1975 962 1961 953 1972 1972 973 1959 8.3 8.3 0 0 0 0 0.0 3.0 2.0 3.6 2.0 9.4 2.8 7.2 7.8 EXTREME MINIMUM TEMP 0.5 45 42 63 67 14 4 , 13.6 15.61 16.6 15.8 15.8 15.8 12.5 12.9 13.1 13.1 12.8 AVERAGE 56.4 57.4 \$0.4 \$0.6 55.5 54.5 55.5 55.9 1.65 61.9 61.1 95.0 55.5 54.5 53.5 60.5 +1461 1972\* 1972\* 1970\* 19634 1972 1965 1965 1972 1955 1976 1968 976 1964 1970 1970 1961 1964 1967 1967 1967 1967 1965 1971 1967 31.7 30.0 35.2 31.1 32.2 32.2 32.2 33.3 32.2 32.2 32.2 34.4 27.8 31.1 31.1 31.7 31.7 31.1 EXTREME MAXIMUM TEMP 06 06 06 06 06 066 89 88 88 88 26.8 24.8 23.1 24.2 25.2 24.4 25.5 25.0 24.8 25.1 26.3 26.8 23.8 24.6 26.7 26.7 26.8 27.4 24.7 AVERAGE 75.8 76.4 73.5 80.1 80.9 81.4 16.6 73.5 80.1 80.1 80.3 76.0 76.5 76.3 81.3 9.6 19.0 19.1 19.9 6 . 8 1 18.8 20.3 20.6 20.9 21.3 21.6 21.8 21.3 21.6 8.6 7.8 21.7 18.7 22.1 MEAN TEMP AVERAGE 0.69 0.49 65.4 65.6 65.6 66.4 0.99 68.8 9.69 70.9 71.0 65.3 0.99 50,99 66.1 70.3 4.04 70.7 6.07 19 DAY 16 18 22 53 12 14 15 8 30 10 13 17 21 23 24 25 38 27 28 n w 6 11 00

988

ALSO ON EARLIER YEARS

1111

1973

0.0

32

14.2

57.5

1976

34.4

16

25.7

78.2

19.9

6.7.9

Monthly

DATE

EXTREME MINIMUM TEMP

+096

10.0

952

8.9

4 8

18.1

. ·

28.3

84.2 83.0 82.1 83.3

22.6

73.5

10

11

12 13 14 5 16 17 139

28.5 28.8 0.62

83.8

23.1

73.5

84.2

23.1

74.1

29.5 29.0

84.5

23.4

23.1

28.7

7.8 12.2

17.6

## 

1996

1973

10.0

17.6

20

18.1

1976

12.8

19.1

1954

12.8 12.8 12.8 14.4 13.3 4.6 11.1

55

6.4

1

1967

3888

26

6.6

68.5

66.7

1961

68.1

1977 1945

37.2

35.6

1977\*

# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

- 1
-
4
FLORIDA
-
œ
C
-
•
0
-
w
FIELD,
u
0
2
-
-
ITING
X
*

93841 STATION

**CL** &

STATION NAME

## 1945-1977

MONTH

MAK

1	
1	
1	
1	S
	AR
1	Y
1	
1	
1	
-	
- 1	

-	1	2	
	4 1 >		

AVERAGE °F	62.8	65.6	9119	60.5	60.2	7
DATE	1954	1967*	1661	1952	1952	
	AVERAL °F	AVERAL 0F	ATE °F 354 62.6	ATE °F 194 62.0 167* 62.0	ATE °F 154 62.6 167* 62.9 151 61.6	ATE °F 154 62.0 1574 62.0 152 60.5

EXTREME MAXIMUM TEMP

AVERAGE

MEAN TEMP AVERAGE

DAY

0											
DATE	1954	1967*	1661	1952	1952	1970	1970*	1977*	1962	1962	1962
٥,	31.7	31.7	31.7	33.3	33.3	33.9	33.3	33.9	33.3	33.3	33.9

968

9.0

10.0

4.9 15.8 15.7

27.4

22.3

27.9 28.5

82.2

22.2

72.0

7.2

960 1960 196

10.01

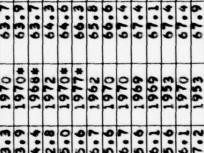
1.0

62.6

17.2 17.6

43	62	62	63	99	63	63	63	63	11
10774	1962	1962	1962	1967*	1961	1970	1970*	1968*	
33.0	33.3	33.3	33.9	35.0	34.4	33.3	33.9	34.4	

 1967*	1961	1970	1970*	1968*	1972	1970*
 35.0	34.4	33.3	33.9	34.4	32.8	35.0



29.2

85.0

23.4

74.2

86.3

85.8 6.98

24.6

25.1 25.2

22

23 24 25

56 27 28 8 30 31

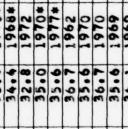
24.3

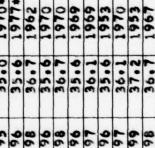
24.6

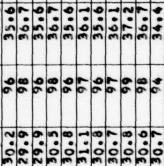
19

20 21

24.1







30.8 30.7 87.4

25.3 25.4 25.4 25.3 25.2 75.77.75.8 78.0

Monthly

ALSO ON EARLIER YEARS

WHITING FIELD, FLORIDA STATION NAME

1945-1977

SUNE

MONTH

YEARS

00 00
_
-0
196
34.4
96 66 66
1910.8
90000
25.4 87 225.1 87 225.5 88 225.7 88
25.4
77.8

0

0

\*ALSO ON EARLIER YEARS

3)

DIRNAVOCEANMET-SMOS

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

## NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

# DAILY AVERAGE/EXTREME TEMPERATURES

MONTH

YEARS

1945-1977

WHITING FIELD, FLORIDA

93841 STATION

12695 91981

STATION NAME

201

MEAN TEMP	EMP			MAXIMUM TEMP	MP				MINIMUM TEMP	ΛP	
AVERAGE		AVERAGE	GE	EXTREME			AVERAGE	3.6	EXTREME	ME	
u.	ပ	<b>u</b>	၁့	u.	ပ	DATE	<b>L</b> 0	o°.	. ± °	ွ	DATE
81.9	27.7		33.1	86	:	1952	72.3	4.22	69	18.3	1968
82.3	27.9		33.4	66	37.2	1976	72.5	22.5	89	20.0	1968
81.5	27.5	8.06	32.7	86		1969	72.2	22.3	99	20.0	1974
81.5	27.5		32.8	96	35.6	1973	72.1	22.3	99	20.0	1974:
81.6	27.6		32.7	96	35.6	1977*	72.3	52.4	99	20.0	1968
81.7	27.6	6.06	32.7	96	35.6	1969*	72.5	55.5	99	18.9	19724
81.9	27.7	91.1	32.8	66	37.2	1969	72.8	22.7	20	16.7	1972
81.0	27.2	90.1	32.3	100	37.8	1969	72.0	22.2	89	20.0	1966
81.1	27.3		32.2	66	37.2	1969	72.2	22.3	69	18.3	1966
80.7	27.1	0.06		86	36.7	1973	71.5	21.9	04	19.4	19664
80.5	26.9		32.2	64	36.1	1974#	71.0	21.7	29	16.7	1966
81.7	27.6	91.2		86	36.7	1962	72.2	22.3	99	18.9	1972
81.4	27.4		32.4	86	36.7	19961	72.4	\$.22	90	18.9	1972
0	27.2	89.7	32.1	66	37.2	1966	72.0	22.2	99	18.9	19724
81.8	27.7		32.7	44	. 9	1966	72.8	22.7	61	16.1	1961
81.7	27.6	4.06	32.4	66	37.2	1968	73.0	22.8	29	16.7	1961
81.4	27.4		32.2	86		1973	72.8	22.7	68	20.0	1972#
81.6	27.6	90.3	32.4	96	35.6	1973#	72.8	22.7	69	18.3	1961
CV4	27.9	91.3	32.9	86	36.7	1965#	73.1	22.8	69	20.6	1970
81.6	27.6	4.06	32.4	86	36.7	1974	72.9	22.7	63	19.4	1961
-	27.4	69.7	32.1	96	36.7	1962*	73.0	22.8	99	20.0	1947
81.8	27.7		32.7	100	37.8	1976	72.7	22,6	69	20.0	1971
81.9	27.7	91.2	32.9	96	36.7	1974#	72.5	22.5	90	17.8	1947
82.1	27.8		32.9	104	0.04	1952	73.0	22.8	69	19.4	1963
82.2	27.9	91.4	33.0	66	37.2	1968+	73.1	22.8	10	21.1	1971#
81.5	27.5	90.2	32.3	96	5	1967*	2	22.7	69	10.4	1963
81.7	27.6	90.2	32.3	86	36.7	1968	73.3	52.9	11	21.7	1971#
81.7	27.6	90.1	32.3	86	36.7	1968	73.3	22.9	60	20.6	1950
81.5	27.5	40.1	32.3	96	36.7	1974	72.9	N		20.6	1969
81.3	27.4	0.06	32.2	86	36.7	1974	72.5	22.5	68	20.0	1969
81.3	27.4	90.1	32.3	96	36.7	1962	72.5	22.5	10	21.1	1975
81.6	27.6	90.6	32.6	104	40.04	1062	4 66	7 66		. 7.	

=

\*ALSO ON EARLIER YEARS

111

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

WHITING FIELD, FLORIDA

93841 STATION

0

0

0

0

0

STATION NAME

1945-1977

YEARS

MONTH AUGUST

_	MEAN TEMP	MP		M	MAXIMUM TEMP	AP.			W	MINIMOM LEMP		
_	AVERAGE	36	AVERAGE	36	EXTREME	ME		AVERAG	E	EXTREME	ME	
DAY	u.	0,	u.	o	u o	o°.	DATE	96	٥,	H <sub>o</sub>	٥,	DATE
-	81.4	27.4	90.5	32.5	46	36.1	1970		4.22	69	20.6	1974
2	81.7	27.6	1.06		16	36.1	1962		22.6	69	20.0	1971
3	81.8	27.7	.0	32.5	16		1661		22.9	89	20.0	1968*
4	82.2	27.9	6.06		100	37.8	1947		23.0	10	21.1	1971
2	82.2	27.9	1:		104		1947		22.8	89	20.0	1950
9	81.4	27.4	6		86		1970		22.7	99	18.9	1948
7	82.7	28.2	2.		100		1956		23.0	69	19.4	1946
80	82.2	27.9	-		66		1968		22.9	67	19.4	1975
6	81.9	27.7	90.5		16		1968		22.9	69	18.3	1976
10	81.8	27.7			86		1969		22.8	79	17.8	1976
11	81.6	27.6			86		1954		22.6	40	17.8	1961
12	82.0	27.8		32.7	86	36.7	1954	73.2	22.9	29	16.7	1961
13	81.8	27.7	90.5		66		1954#		22.8	79	17.8	1961
14	91.6	27.6			86		1948		22.5	79	17.8	1961
15	81.2	27.3	90.3	32.4	96		19764		22.3	99	18.9	1961
16	81.3	27.4	90.1		96		1976#		22.5	69	20.0	1972*
17	81.7	27.6	9006		86		1952		22.6	89	20.0	1967
18	81.9	27.7	-	32.8	66		1952	72.7	22.6	69	20.0	1972
19	81.3	27.4	0		86		1972	72.3	22.4	79	17.8	1976
20	81.1	27.3	90.2		86	36.7	1972	72.0	22.2	89	20.0	1976*
2:	80.3	26.8			96		1969*	71.6	0.22	99	18.9	1986
22	6.64	56.6	6	31.7	86		1968	70.7	21.5	62	16.7	1956
23	80.4	26.9	6	31.8	16		1955	71.5	21.9	99	18.9	1971
24	4.08	56.9	6	32.2	86	36.7	1976	71.0	21.7	99	18.9	1966
25	80.4	56.9	6		96	35.6	1963	71.4	21.9	99	18.9	1968
26	0.08	26.7			96		1965*	71.5	21.9	63	17.2	1969
27	90.08	27.0	0.06	32.2	66		1969	71.3	8.12	70	17.8	1969
28	80.8	27.1	0		46	36.1	1969	71.6	0.22	99	17.8	1968
23	81.3	27.4	:		46	36.1	19764	71.7	22.1	09		1968
30	81.3	27.4	8006	32.7	66	37.2	1954	71.8	22.1	09	15.6	1968
31	81.1	27.3	ċ		100	•	1964	71.9	25.2	00	•	1968
Managhin			000							-		

0

Q

0

0

2011

\*ALSO ON EARLIER YEARS

BRE

# DAILY AVERAGE/EXTREME TEMPERATURES

ASHEVILLE, NORTH CAROLINA

NAVAL WEATHER SERVICE DETACHMENT

WHITING FIELD, FLORIDA

STATION NAME

1945-1977

YEARS

SEPTENBER

MONTH

1968 953\* \*696 9754 950 974 1967 PATE 1968 952 974 969 296 962 975 1975 196 1961 1967 196 4.6 19.0 9.6 14.4 15.6 \*\*\* 4.4 5.0 1:1 9.01 4.6 7.2 16.1 13.3 13.3 12.8 1.0 16.1 13.9 16.7 EXTREME MINIMUM TEMP 45 00 00 63 63 53 69 69 69 9 9 \$002 21.3 220.7 200.7 200.7 200.9 200.9 200.9 200.9 200.9 190.8 21.6 22.0 19.4 8.6 4.61 10.4 21.2 AVERAGE 10.3 69.8 68.5 68.89 4.89 9.99 0.99 67.0 68.8 5.69 6.99 70.3 88.8 68.3 1972\* 1964# 1954\* 1970\* 1974# 1977\* 1972 996 1962 1972 1972 1947 1972 1970 1972 996 1972 956 1972 1963 1972 1972 1972 1968 1961 1954 1973 1968 34.4 35.6 35.0 35.6 35.0 35.6 35.6 35.6 35.0 35.0 35.0 35.6 35.0 33.9 36.1 35.1 35.0 36.1 35.0 33.3 34.4 36.7 36.1 34.4 36.7 EXTREME MAXIMUM TEMP 86 96 96 96 63 95 29.3 30.3 1.4 230.6 200.6 29.6 20.5 29.4 28.9 30.2 10.0 AVERAGE 87.6 87.5 86.5 88.5 88.2 86.8 87.2 86.4 85.2 85.0 84.8 83.2 87.9 87.1 86.0 86.2 85.8 86.5 84.6 0.48 83.9 25.4 25.3 26.6 26.0 25.7 26.9 26.2 25.8 29.2 29.6 25.3 25.2 24.4 26.8 26.5 25.8 24.2 26.7 26.2 25.1 25.5 24.3 24.2 24.4 25.1 MEAN TEMP AVERAGE 17.6 78.0 79.1 78.2 75.9 90.4 80.0 78.8 78.4 6.61 78.5 77.2 1.1 77.3 77.9 78.2 77.5 15.9 75.5 15.5 15.1 Monthly DAY 16 11 10 12 14 15 18 19 24 30 9 13 20 21 22 23 25 26 27 28 29 31

'ALSO ON EARLIER YEARS

93841 STATION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

WHITING FIELD, FLORIDA

93841 STATION

STATION NAME

OC TOBER

MONTH

1945-1977

•	
ſ	
1	
1	
1	
1	
1	S
١	S
1	S
1	S
	S
	Se
	Ses
	RS
	BS
	RS
	RAS
	ARS
-	EARS
	EARS
-	EARS
-	EARS
-	FARS
-	YEARS
	YEARS
-	YEARS
-	YEARS
	YEARS

•	
1	
3	
ь.	
1	
ŧ.	
1	
1	
ſ	
1	
	S
	-
Ł	ET
	-
ı.	d.
١	A
ı	EA
ļ	EA
	YEA
-	YEA
	YEA
-	YEA
	YEA

	in
	~ .
	10
1	
ı	
l	

		DATE	1972	1966	1974	1974	1974	1961	1964	1961	1961	1971*	1971	1971	1977	1977	1977	1954	1977	1977	1967*	1961	1976	1976	1976	1965+	1965*	1968	1957	1957	1952	1952	1954	1957
0	E	၁့	7.8	7.8	7.8	6.1	7.8	1.8	6.1	6.7	6.1	7.8	4.4	6.1	7.2	5.6	7.2	7.2	6.1	6.7	6.7	6.1	3.9	9.6	7.8	7.8	9.6	2.8	2.2	9.0	2.8	3.3	3.3	9.0
MINIMUM TEMP	EXTREME	40	94	94	44	6.3	99	94	43	**	63	94	04	74	64	24	45	6.5	6.9	75	**	43	39	42	94	94	24	37	36	33	37	200	38	33
M		000	17.6	17.7	17.1	16.6	16.8	17.1	16.4	15.9	15.6	15.0	15.5	14.6	15.4	15.4	15.1	14.8	14.7	13.6	12.8	12.3	12.8	13.3	14.2	13.8	12.7	11.3	11.6	11.7	11.2	12.3	12.2	14.4
	AVERAGE	u.		63.6	62.8	61.8	2.	62.7	61.5	60.7	0.09	59.0	56.65	58.3	86.6	29.7	59.5	58.7	56.5	56.5	55.1	54.2	55.0		37.6	80.96	:	52.4	2			1.45		58.0
		DATE	1968	19774	1968	1969*	1954	1961	1961	1969	1968*	1969	1969	1969	1969	1972*	1973*	1972	1972	1961	1947	1969	1963	1963	1953	1975	1975	1973*	1972+	1963	1975*	1972	1961	1968*
a	1E	٥	3	2.2	3.9	2.8	3.3	3.9	2.8	2.8	2.2	32.2	2.2	3.3	2.8	2.2	1.7	1.7	2.2	1.7	0.0	-	-	-	30.0	=	=	=	-		1	0	1	•
MAXIMUM TEMP	EXTREME	H o	63	06	66	16	92	63	16	16	06	06	06	26	16	06	68	68	06	68	96	98	06	90	87	88	96	40	98	800	4	90	88	63
MA	E	ပ	28.6	20.5	28.4	28.3	28.0	28.0	27.0	27.2	27.6	27.1	27.3	27.9	27.8	27.4	26.5	59.6	26.2	58.9	24.5	24.2	25.0	25.6	0	3	23.9		24.9		3	23.9	*	
	AVERAGE	<b>4</b> °	83.5	84.5	83.1	83.0	82.4		80.6	81.0	81.7	80.8	81.1	82.3	82.0	81.4	79.7	78.6	79.2	78.7	76.1	75.5	77.0	78.0	78.8	76.5	75.0	75.6	16.9	74.8	73.5	75.1	75.6	79.5
_		00	23.1	23.4	22.8	22.4	22.4	22.6	21.7	21.6	21.6	21.1	21.4	21.3	21.6	21.4	8.02	20.3	20.5	19.8	18.7	18.3	18.9	19.4	20.1	19.2	18.3	17.8	18.2	17.8	17.1	18.1	18.2	20.3
MEAN TEMP	AVERAGE	<b>u</b> .	73.6	74.2	73.0	72.4	72.3	72.6	71.1	70.9	10.9	6.69	70.5	70.3	10.9	70.5	69.5	68.6	6.99	67.6	65.6	6.49	0.99	67.0	68.2	9.99	6.49	64.0	64.8	0.49	62.8	9.49	64.8	68.6
	L	DAY	1	2	6	4	2	9	7	00	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

\*ALSO ON EARLIER YEARS

-

1011

# DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

WHITING FIELD, FLORIDA

STATION NAME

93841 STATION

1945-1977

YEARS

MONTH NOVEMBER

	L	DAY	1	2	en	4	2	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly
MEAN TEMP	AVERAGE	90	64.5	63.0	41.4	59.6	60.5	59.5	86.69	58.7	0.09	29.0	59.3	59.8	4.09	60.3	59.7	60.5	0.09	59.7	59.4	56.9	57.4	56.3	56.1	97.4	6.95	57.2	56.2	56,2	51.2	50.5		58.7
MP	36	5.	18.1	17.2	16.3	15.3	15.8	15.3	15.4	14.8	15.6	13.0	15.2	13.4	15.8	15.7	15.4	15.8	15.6	15.4	15.2	13.8	14.1	13.5	13.4	14.1	13.8	14.0	14.6	13.4		10.3		14.8
	AVERAGE	40	76.2	73.4				70.2						10.8	-	-	9.69		-	-	-	4.99			65.6	67.7	68.1	67.7	9.89		60.2			69.1
M	GE	၁့	24.6	23.0	2.	6.02	21.4	21.2	•	0	21.1	21.1	21.4	21.6		21.5			21.2					19.2		19.8		6	20.3			15.9		20.4
MAXIMUM LEMP	EXTREME	40	98	84	84	84	98	64	95	18	82	81	82	95	82	83	82	18	81	80	80	78	18	19	78	80	82	18	82	90	90	81		20
AF	ME	၁့	30.0		58.9	28.9	30.0	26.1	27.8	27.2	27.8	27.2	27.8	27.8	27.8		27.8				26.7		27.2	26.1	25.6			27.2		26.7	26.7			30.0
		DATE	66	1974*	16	1946	1975	1964	1975	1973+	1965	1946	1975*	1964	1961	1955	1661	1968*	1968	1969*	1970	1973	1965	1973	1961	1961	1973#	1	1973	-	1970	9		1075+
	AVERAG	LL o	92.9	52.5	50.3	49.5	50.4	46.9	48.8	47.8	50.1	48.2	0.84	48.0	50.3	8.67	9.67	7.69	50.0	49.3	7.64	4.7.4	46.5	46.0	46.5		45.7	46.7	47.7	46.6	42.2	40.3		48.3
N	E	J.	11.6		10.2	4.6	10.2	4.6	6.6	80.00	10.1	0.6	8.0		10.2	6.6	6.6	9.6	10.01	9.6	6.5	8.6	8.1		8.1	8.4	1.6	8.2	8.1	1.8	5.7	4.6		0.0
MINIMOM LEMP	EXTREME	3°	32	32	92	30	35	35	62	30	30	36	33	33	00	30	97	35	30	42	62	30	34	53	58	23	22	27	31	5.5	42	72		23
4	ME	္စ	0.0	0.0	+ + + +	-	1.1	0.0	1:1	1:1:	197-	2.2	9.0	000	1:1-	-1:1:	-3.3	0.0	-1.1	-2.8	-1.7	-1.1	1.1	-1.7	-1.7	-5.0	-5.6		9.0-		-2.8	++++		-3.6
		DATE	1957	1966	1966	1966	1970*	1976	1959	1641	1976	1968*	1971	1968	1968	1969	1969	1969	1970	1981	1981	1661	1952	1971	1976#	1970	1970	1950	1974	19561	1959*	1976		1970

0

\*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

WHITING FIELD, FLORIDA

93841 STATION

STATION NAME

1945-1977

YEARS

MONTH DECEMBER

		DATE	1961	1960	1976#	1974	1974#	1945	1977*	1968	1968	1977	1957	1962	1962	1962	1968	1981	1972	1975*	1975	1963	1945	1960	1963*	1963	1966	1977	1977	1977	1961	1961		1962
ΝΡ	ME	၁့	-3.3	-2.8	9.0	-1.7		-2.2	-3,3	-2.2	4.4-	-3.9	4.4-	-11.7		-	-5.0	-5.0	-6.1	-3.3	-6.1	-3.3		-5.6	-2.2	++++		-2.8	-3.9	-1.7	-3.3	-1.1	-1.7	-14.4
MINIMUM TEMP	EXTREME	₽°	97	27	33	62	31	28	97	28	34	52	54	11	9	52	23	23	21	92	21	92	72	22	28	54	22	23	53	62	92	30	53	c
W		o°.	4.3	6.2	7.4			9.9		7.1	6.3	6.3	6.5	7.1	7.2	9.9			5.1		0.9		2.5		3.2	3.6	5.9	8.4	5.8	4.6	4.4	7.3	1.6	6.2
	VERAGE	₽°	39.7	43.1	45.4	45.0	44.2	43.0	44.1	44.7	43.3	43.4	43.7	44.7	44.9	43.8	42.8	41.1	41.2	41.8	42.8	43.9	41.4	40.2	41.3	42.1	42.6	40.7	45.4	45.3	45.3	45.2	5	43.2
		DATE	1946	1970	1970*	1964	1977	1967*	1991	1661	1972	1972	1970	1972	1972	1961	1961	1971	1964	1961	1961	1970*	1970*	1948	1970	1974#	1974	1964#	1959	1974#	1974	1974	1964	1972
•	AE.	o°.	25.0	24.4	24.4	26.1	26.7	26.1	25.6	25.0	-	28.3	26.7	27.2		27.8	26.7		27.2	9	26.1	24.4	26.7		28.3	23.9	25.0	23.9	23.9	25.0			25.6	
MAXIMUM TEMP	EXTREME	<b>L</b>	4	16	76	42	80	79	78	77	82	83	08	81	88	82	80	80	18	80	19	16	80	81	83	75	77	75	75	17	19	78	78	8.5
MA		၁့	17.3	18.0						18.2				17.8	17.3	16.1		16.1	16.7	17.2	17.4	17.6	16.7	17.1	16.8	16.6	17.3	15.9	16.7	17.9	17.8	18.3		17.4
	AVERAGE	¥ °	63.2	4.49	66.3	.9	66.2	9	6.49	64.8	64.3	62.6	63.9	64.1	63.2	61.0	60.7	0		-	63.4	63.6	62.1	62.7	62.3	61.8	63.1	9.09	62.1	64.2	64.1	6.49	62.0	63.4
	AVERAGE	٥,	10.8	12.1	13.2	13.2	12.9	12.8	12.5	12.6	12.1	11.7	12.1	12.4	12.3	11.3	11.0	10.6	10.9	11.3	11.7	12.1	0.11	10.8	11.0	11.1	11.5	10.3	11.2	12.6	12.6	12.8	12.1	11.8
MEAN TEMP		٠,	51.5	53.7	55,8	55.7	55.2	55.0	54.5	54.7	53.8	53.0	53.8	54.4	54.1	52.4	51.8	51.0	51.6	52.4	53.1	53.7	51.8	51.4	51.8	52.0	52.7	50.6	52.2	54.7	54.7	55.1	53,8	53.3
		DAY	1	2	3	4	2	9	7	80	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

0

0

U.

\*ALSO ON EARLIER YEARS

1111

DIRNAVOCEANMET-SMOS

## **EXTREME VALUES**

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

WHITING FIELD, FLURIDA

93841 STATION

0

0

0

0

0

· 80 8

WHOLE DEGREES FANRENMEIT

MONTHS										103	46				66	96	96	96	001	100	86	66	100	66	102		86	104		96			
DEC.		78	78	19			-		73	73	76			11	75	13	76	74	7.3	81	77	16	82	16	74	83	80	83	75	19			-
NON	29		200	00				81	6	11	3	62		81	63	81	78	75	08	85	82	0.80	82	4 9	82	Ca	20	4 83	82	4 80			-
OCT.			69				63		8.7	26	06	80	8	80	06	87	99	68	06	68	87	98	16	63	26	16	06	06	06	87			
SEP.	56		96	46			96	68	76	44	6.6	66	76	86	63	92	63	93	96	97	96	76	66	95	76	98	06	86	66	66			-
AUG.	76		104	96	76		66		46	66	44	100	76	76	76	96	66	86	16	100	96	96	76	66	66	66	66	96	66	9.8			-
JUL.	76		6.6			56	96	104		96	76	99	96	66	66	96	96	86	96	66	86	66	5	66	100		96	16	86	96			-
JON.	66		6			66	96	101	96	103	36	40	63	96	95	96	16	46	100	66	95	96	100	16	102	102	96	104	16	96			-
MAY	96	87			35	63			66	68	36	65	58	92	26	91	69	80	66	96	6	30	86	96	16	86	06	36	56	92			-
APR.	96	87	98			89		91	84	06	06	50	30	87	200	98	8	2	89	83	80	87	36	06	67	92	16	06	63	86			-
MAR.	65.33	60	080		9.2				80	98	83	78		76	76	181	90	83	84	0	83	85	06	*80	200	83	82	99		10.			
<b>FB</b> .	80	7.	*						16	76	7.5	78	81	73	16	14	11	82	16	89	16	17	80	70	81	7	11	81	74	79			1
JAN.		73		74					78	11	16	72			13	78	69	75	14	20	19	77	44	76	19	00	0.80	78	73	60			+
YEAR	4.00	40	47	4	64	20	51	35	53	24	55	56	57	98	50	00	19	62	63	99	69	90	67	69	69	10	71	72	73	74	MEAN	S. D.	

## **EXTREME VALUES**

MAXIMUM TEMPERATURE

45-77

WHITING FIELDS FLURIDA STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTHS	44	6	2.31
DEC.	52	C C C C C C C C C C C C C C C C C C C	3.367
NOV.	7.86	62	81.2 2.722 840
OCT.	6 6 6	06	2.624
SEP.	98	6	1.888
AUG.	96	56	96.8
JQL.	96	86	2.271
JGN.	102	66	3.246
MAY	8.0	8	3.323
APR.	9 60	5	2.872
MAR.	83	200	3.191
FEB.	8 1	2	3.69.7
JAN.	22	12	75.5
YEAR	25	=	MEAN S. D. TOTAL OBS.

NAVWEASERVCOM

.

0

0

## **EXTREME VALUES**

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

WHITING FIELD, FLORIDA STATION NAME 93841 STATION

45-77

/BASED ON LESS THAN FULL MONTHS/

ALL	TEND		1620		16.20		454		TWI		PERD				TEMP		TEND		-	1	16.40		1540		TEXP		TEND		TEMP				
MOM	MAX	DAYS	MAX	DAYS	MAX	DAYS	MAX	DAVS	MAX	DAYS	MAX	DAYS	MAX	DAYS	MAX	DAYS	MAX	DAVS	MAX	DAYS	MAX	DAYS	MAX	DAYS	MAX	DAYS	MAX	DAYS	MAX	DAVS			
DEC.	72	30							73	30	29	*	19	28	72	30			18	10	7	11											
NOV			79	28						0	98	12	82	27							20	6.											
0CT.	68	30	80	23							**	61			68	53																	TO SECURITY AND PERSONS ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN CO
SEP.									36	53	16	56																					
AUG.											66	54			66	30																	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN
JUL.							96	27									96	30							66	17			100	30			The second secon
JGN.			26	2.1					96	50																							The second secon
MAY					06	30							26	61	26	27																	
4									19	2			83	20																			
MAR.							8.1	21			11	30	85	19	08	52					08	62					64	30					
<b>.</b>							63	52	90	27		0	75	16	11	92																	
JAN.					16	53			88	30	11	53	72	14	11	25					73	52	70	28									THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN
YEAR	4.5		99		14		4		64		90		31		52		53		96		57		88		70		73		16		MEAN	5.0.	The state of the s

0

0

C

### **EXTREME VALUES**

MAXIMUM TEMPERATURE

WHITING FIELD, FLURIDA STATION NAME

WHOLE DEGREES FAHRENHEIT

	YEAR VEAR	JAN.	5	MAR.	¥	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	MONTHS
773 774														
774 774														
ZAN (5.0.)														
EAN 5. O.														
EAN O.														
CAN CAN														
ZAN .: 0.														
CAN CAN														
EAN S. D.														
EAN S. D.														
EAN C. D.														
0.19	EAN													
The state of the s	. 0.													

NAVWEASERVCOM

196961

0

(3)

NO

MINIMUM TEMPERATURE

45-77

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

0

0

0

0

0

0

0

000

YEARS

WHOLE DEGREES FAHRENHETT

YEAR	JAN.	1	MAR.	APR.	MAY	JUN.	101.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL
6.5		27	63	**	20	6.0	69	69	90		31		
*	28	*	0.	4.6	26							35	
4.3		23	92	40		63	79	2	55	848	36	32	
48	11							99			33	82	
64		62	34					67					
30				39	19	63	69						
31						99	1	72	63	9.			
25				39		89	20		09		32		
53	31	31	39	14	99	69		99	19	-	33	25	
34	62	28	31	64	4.7	8	11	69	40	38	28	28	28
55	2.8	23	92	64	56	09	69	20	10	**	12	52	23
96	88	37	33	45	24	55	68	62	26	25	62		
57		24		14	52	99	1,	99	58	33			
58		20	37	+1	64	40	99	69	30	;	30	52	
56	23	59	38	04	28	68	69	99	69	8.5	92	28	23
09	52	82	92	43	40	49	70	69	63	43	35	22	22
19	20	30	37	43	64	63	19	99	53	*	35	92	20
62	*	28	28	38	26	99	72	20	32	36	34	•	•
63	9	77	36	99	20	95	69	99	37	04	31	22	•
10	20	28	36	43	53	99	69	67	26	43	30	97	20
69	20	82	30	20	25	63	69	67	58	*	34	30	20
99	12	27	31	43	52	25	62	99	57		24	22	
67	30	23	39	64	58	99	9	29	42	24	34	30	23
6.8	97	77	28	4.7	20	09	69	9	09	37	30	23	23
69	56	32	30	84	52	29	99	63	96	20	58	31	92
10	16	1.8	32	4.1	23	*9		89	20	2	22	27	
11	1.8	20		37	4.3	29	67	99	58	04	67	36	
72	=	54	35	41	24	36	62	*0	52	:	33	12	*
73	22	22		32	16	69	10	99	38	14	35	23	
74	04	24	40	41	54	09	67	69	53	43	31	27	54
MEAN													
S. D.													
TOTAL OBS.													

11

MINIMUM TEMPERATURE FROM DAILY OBSERVATIONS

WHITING FIELD, FLORIDA STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTHS	12	11	7						19.4	6.632	10217
DEC.	24	52							25.7	2.690	806
NOV.	30	3.4							30.8	4.092	940
OCT.	39	45									806
SEP.	64	99							57.6	5.486	900
AUG.	64	11							8.99	2.812	980
Ę.	67	10							67.7	2.946	
ž.	60	61							63.0	3.755	006
MAY	100	25							53.2	4.268	899
AP.	38	43							43.2	4	900
MAR.	35	35							33.8	4.786	908
Ę	28	52							27.0	\$ .109	818
JAN.	20	11							22.0	7.588	173
YEAR	75	66							MEAN	S. D.	TOTAL OBS.

NAVWEASERVCOM

\* NO

19696T

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93841 STATION

0

0

WHITING FIELD, FLURIDA

/BASED ON LESS THAN FULL MONTHS/

10	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	
29										94		54	
29 34 25 69 60 60 60 60 60 60 60 60 60 60 60 60 60										30		53	
29 34 25 29 068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						96				23			-
29 34 30 69 69 60 60 60 60 60 60 60 60 60 60 60 60 60	30				55	•							-
24 22 59 69 004/S 24 22 29 68 61 50 27 37 HIN P 0 30 42 29 29 29 0 30 DAYS 16 19 21 19 27 27 37 HIN P 16 19 21 19 69 37 27 28 HIN P 26 29 27 29 28 HIN P 26 29 27 29 80 DAYS 26 29 27 29 HIN P 27 28 HIN P 28 29 29 29 HIN P 29 29 29 BAYS 30 29 37 28 HIN P 29 29 20 HIN P 29 29 20 HIN P 20 20 HIN P	53				30								
24 22 59 65 20 0 30 MIN T		62	34				69						-
29 65 59 00 MIN T		54	22				27						
29 68 61 50 27 37 MIN T 12 37 42 55 24 26 19 12 3 9 DAYS 16 19 21 19 27 29 BAYS 26 29 37 24 MIN T 26 29 37 24 MIN T 26 29 37 24 MIN T 30 DAYS 30 DAYS 31 DAYS 31 DAYS 32 DAYS 33 DAYS 34 MIN T 36 DAYS 37 DAYS 38 MIN T 39 MIN T 30 DAYS 30 DAYS 31 DAYS 31 DAYS 32 DAYS 33 DAYS 34 MIN T 43 MIN T 43 MIN T 43 MIN T 43 MIN T 44 MIN T 46 DAYS	31			20		69			20			30	-
0 34 68 61 50 27 37 MIN T 12 37 42 55 24 26 19 12 5 DAYS 16 19 21 19 27 23 MIN T 26 29 27 30 BAYS 26 29 27 28 DAYS 27 28 DAYS 30 27 28 DAYS 30 BAYS 31 BAYS 32 29 30 DAYS 34 HIN T 35 HIN T 36 MIN T 37 20 MIN T 38 MIN T 39 MIN T 30 DAYS 30 DAYS 31 DAYS 32 BAYS 34 MIN T 36 MIN T 37 BAYS 38 MIN T 39 MIN T 30 DAYS 30 DAYS 31 DAYS 31 DAYS 32 DAYS 33 DAYS 34 MIN T 36 MIN T 37 DAYS 38 MIN T 39 MIN T 30 DAYS 30 DAYS 31 MIN T 31 DAYS 32 DAYS 33 DAYS 34 MIN T 36 MIN T 37 DAYS 38 DAYS 39 DAYS 30 DAYS 30 DAYS	30			2		52			53		0	30	
12 37 42 59 24 26 19 12 9 DAYS 16 19 21 19 27 29 MIN T 26 29 27 29 MIN T 26 29 27 29 MIN T 26 29 27 29 MIN T 27 28 DAYS 28 27 29 MIN T 29 DAYS 30 DAYS 30 DAYS 31 2 30 DAYS 32 20 MIN T 34 MIN T 35 MIN T 36 MIN T 37 DAYS 38 MIN T 39 MIN T 30 DAYS 39 DAYS	38		34						19	20	2.4	37	-
12 37 42 55 69 27 28 MIN 7 24 MIN 7 26 29 20 20 20 20 20 20 20 20 20 20 20 20 20	53	0	30						56	19	12	•	
37     36     48     69     37     24     MIN T       20     29     27     28     DAYS       20     29     29     30     DAYS       37     29     19     DAYS       37     29     19     DAYS       29     30     MIN T     DAYS       31     43     MIN T     MIN T       28     43     MIN T     MIN T       28     43     MIN T       44     MIN T     MIN T       48     MIN T     MIN T	3	12	37	42	53						23	23	-
37     24     MIN T       26     29     30     DAYS       30     29     30     DAYS       31     32     29     30     DAYS       32     34     MIN T     MIN T       34     35     35     MIN T       35     30     DAYS       36     43     MIN T       36     MIN T       37     43     MIN T       38     MIN T     MIN T       39     MIN T     MIN T       30     MAYS       28     MAYS	:	16	19	21	19						27	58	
26 29 27 89 80 BAYS 30 BAYS 31 BAYS 32 BAYS 33 BAYS 34 BAYS 35 BAYS 36 BAYS 36 BAYS 37 BAYS 38 BAYS 39 BAYS 31 BAYS 31 BAYS 30 BAYS 31 BAYS	53	37	36		4			69		37		24	-
30 0AYS 37 35 HIN T 19 0AYS 39 37 0AYS 30 MIN T 19 17 DAYS 10 17 DAYS 10 DAYS 11 DAYS 12 20 MIN T 14 DAYS 15 DAYS 16 DAYS 17 DAYS	25	56	53		27			30		53		30	
30 DAYS 37 39 HIN T 29 29 HIN T 29 17 DAYS MIN T MIN T MIN T 31 0AYS 30 0AYS DAYS 31 MIN T							69						-
35 HIN T 19 DAYS 29							08						. 1
37 37 38 20 MIN T 29 20 MIN T 19 17 DAYS MIN T DAYS 30 DAYS DAYS DAYS DAYS DAYS												35	-
37 29 MIN T 29 17 DAYS MIN T DAYS 30 DAYS 31 MIN T DAYS 31 MIN T DAYS DAYS DAYS												19	
29 17 DAYS MIN T 0AYS 30 DAYS 31 MIN T 17 DAYS MIN T 0AYS MIN T 0AYS 0AYS 0AYS	25		37									20	-
#IN T	25		58									17	
90 MIN T 90 DAYS 17 DAYS 18 MIN T 18 MIN T 18 MIN T	22												-
66 64 MIN 7 DAYS										43			-
AIN T MIN T MIN T MIN T DAYS										90			
MIN T							90						-
			31										-
			28										DAYS
						-	-	-					

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

WHITING FIELD, FLORIDA STATION NAME

45-77

MADLE DEGREES FAHRENHEIT

MONTHS	MIN TEMP	MIN TEMP									
DEC.											
NOV											
<b>O</b> CT.											
SEP.											
AUG.											
JU.		30									
N.											
MAY											
APR.											
MAR.	33										
5											
JAN.											
YEAR	73	16							MEAN	S. D.	200 17101

w

NAVWEASERVCOM

0

•

0

0

0

0

0

	1	-
	- 1	-
	1	
	4	-
	1	-
		×
	2	8
•	9	Ī
	۹	
	N	
		PAGE 1

WHITING FIELD, FLORIDA

		,	1		- 1		•	WE	WET BULB TEMPERATURE DEPRESSION	TEMP	ERATU	RE DE	PRESS	ON (F)	15	22 22	36 36	40 3	11	20 20	8	15.4	TOTAL D.B. /W.B.	Pay Bulk	TOTAL	2
0 1.2 3.4 5.0 7.8 9.	3.4 5.0 7.8 9	2 3.4 3.0 7.8 9	4 2.0	9.0	2	^	100	=	12 13	*	. 14 13 . 10 17 . 18 19	-	2			3	7				8	5	9. 4.0.	Duy Bu	Wet Build	5
- N	- N				5	m N		~		7													<b>S</b>	9		
9.	2 .6 .6	2 .6 .6	2 .6 .6	9.	0.			2.	-		•	2									-	-	22	22		
.6 .5 .2	.6 .5 .2	.6 .5 .2	.6 .5 .2	.5 .2	.2			2	7			-	-		•	-	-				1	1	24	24		
1.9 .9 .3 .2	1.9 .9 .3 .2	1.9 .9 .3 .2	.9 .3 .2	.3 .2	3 .2		100		7.	-:	•	-	2.				-						52	52	18	
2.7 1.4 .4 .5	2.7 1.4 .4 .5	2.7 1.4 .4 .5	1.4 .4 .5	.4 .5	4 .5		-		.2	1.	•	2				-	1						71	71	51	
3. 4. 6	2.8 1.3 .4 .5	2.8 1.3 .4 .5	1.3 .4 .5	5. 4.	4 .5		-		.2		•	2											76	76		
1.9 .9 .6 .2	1.9 .9 .6 .2	1.9 .9 .6 .2	.9 .6 .2	.6 .2	6 .2		_		.3	.3	•	-				-	1					1	99	99		
3.0 .6 .2 .2	4 3.0 .6 .2 .2	3.0 .6 .2 .2	.6 .2 .2	.2 .2	.2				.2	7.	•						_						62	62		
2 1.4 .6 .4 .3	2 1.4 .6 .4 .3	104 .6 .4 .3	.6 .4 .3	.4 .3	6. 4				2.	4.	•	-				-	-				-		48	48		
1.0 .8 .6 .4	1 1.0 .8 .6 .4	1.0 .8 .6 .4	4. 9. 8.	4.	4. 0		•		~	.2	•	2				_	-					_	4	48		
1.2 .7 .8 .4	1.2 .7 .8 .4	1.2 .7 .8 .4	4. 8. 7.	4.	4.		- "		5		•	2	1			-	+			1	+	+	10	10		
2.1 1.3 .7 .3	2.1 1.3 .7 .3	2.1 1.3 .7 .3	1.3 .7 .3	.7 .3	.3				.2														69	99		
1.3 1.4 1.5 .5	1.3 1.4 1.5 .5	1.3 1.4 1.5 .5	1.4 1.5 .5	1.5 .5	5 . 5		•		6	-	•	1	1			+	+			1	+	1	7	7		
1.3 1.2 .8 1.0	1.3 1.2 .8 1.0	1.3 1.2 .8 1.0	1.2 .8 1.0	.8 1.0	8 1.0		4		7												_		65	65		
1.0 1.7 .7 .6	1.0 1.7 .7 .6	1.0 1.7 .7 .6	1.7 .7 .6	9. 1.	0. 1		~		7.	.2		-				-	-						09	9		
1.8 1.2 .5 .2	1.8 1.2 .5 .2	1.8 1.2 .5 .2	1.2 .5 .2	.5 .2	5 .2		4		.2														55	55		
.3 .5 1.0 .4	.3 .5 1.0 .4	.3 .5 1.0 .4	. 9 1.0	1.0 .4	**		0		7.	-		-								-			20	20		
6. 8. 0.	1 1.0 .8 .9 .3	6. 8. 0.	.8 .9 .3	. 6	9 .3		3		1.														45	45		
.8 1.0 .6 .8	.8 1.0 .6 .8	.8 1.0 .6 .8	1.0 .6 .8	.6. 6.	6 . 8	•														_			46	95		
.0 1.0	1 1.0 1.0 .8	.0 1.0	1.0 .8	. 8		5 .3	3																47	47		
101 .7 .6	101 .7 .6	9. 7. 1.	9. 1.	9.			-		-			-				-				-	-		37	37		
1.3 .9 .6	1 1.3 .9 .6	9. 6. 6.	9. 6.	0.		*															-		41	14		
. 8 1.0	.8 1.0 .6	.8 1.0 .6	1.0	•		2						-											34	34	47	
6. 8.	6. 8.	6. 8.	6. 8.	6.			1																26	26	43	
•	•	•	•	•	4							_					_						19	19	31	
6.	6.	6.	6.		2		1		-			_				_	-			_			16	16	27	
.2	.2 .2	.2	.2													_							7	7	27	
•	•	•	•																				7	7	15	
7.							1	-	-			-				-				-		-	-	1	2	
							1					-				-								1		
7.																										
Σx² Σx	2	2	2	Σx	Σ×	-	1	×	-	å,	1	ž	No. Obs			-			Meo	Mean No.	of Hours	*i#	Temperature	ture		
															0 2	9.6	≥ 32	2 F	2 67	7.5	≥73		≥ 80 F	293		Total
							1																			
																									_	

NAVWEASERVCOM

0

WHITING FIELDS FLORIDA

10 0 0 0

0 0

0

5 PSYCHROMETRIC SUMMA JAN 68

	Dew Point	72	o en	1240												Total	166.0	166.0
TOTAL	et Bulb	1			1240										-	1	1	1
	W Bulb W			1240												2 93 F		
DIAL	D.B./W.B. Dry Bulb Wet Bulb Dew Point				1240			+							Mean No. of Hours with Temperature	2 80 F	1	1
1					-	-	-	+	+-	-		-	-	+-	with T	+	0	+
	16 2 31								-	-			-	-	Hours	273 F	51.6	
	29 . 3														No.		109.8	*
	27 . 24														Mea		1	•
	25 . 26															≤ 32 F	67.8	121.2
	3 . 24														-	VI	7	7
	. 22 2			7												40 F		
(1)	. 20 21							+						-	+	-	+	
WET BULB TEMPERATURE DEPRESSION (F)	10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30			*		-	+	+	-					+	No. Obs.	1240	1240	1240
RE DEPI	16 17 .			4					-					-	2			
PERATU	4 15 .			4 1 . 4										-	*	318	137	122
ILB TEM	13 . 1			2.4											d'x	20.318	130	13.
WET BU	11 . 12			3.8											×	10.9	51.6	47.0
	9 - 10			6.7											+	+	+	-
	7.8			9.8											Z×	87893	64005	833
	9.							1	1						2	80	0	2
	.4 5			- 91				1						+	+	10	69	19
	2 3			623		+	+	+	+	-		-	-	+-		6741501	5175	2957319
	-			3.532.623.915.6			-	-	-	-			-	-	Zx2	0	-	7
	•			3.			1											
	3	0.		1											Element (X)	Ref. Hum.	Dry Bulb	Wet Bulb
T	=	10/8	6 3	TOTA											Eleme	Ref.	Dry	×

0 50

YEARS

Temp.							WEI BULL	WET BULB TEMPERATURE DEPRESSION (F)	AIURE V	EFRESSIO	E 1		1	1		1	TOTAL	- 1	1410	-
•	0	1.2	3.4	5.6	7.8	9 . 10	11 . 12 1	13 - 14 1	5 - 16 13	. 18 19	. 14 15 . 16 17 . 18 19 . 20 21 . 22 23	. 22 23 .	. 24 25 .	26 27 - 21	28 29 . 30	231	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-				1			-					.2		-			*	4		
78/ 7	1			1	1.	. 1	2		1	7	1.	.2					10	10		
-	75		.2	.2	.3	7.	.2	.2	.2				.1				16	16		
-	3	1		.2	•	6.	.2	2.		1		-	-	+			54	24		
-	1.1		.5	.3	•	0.	4.		7.	.2	.2						0,	04	2	-
-	•	1 1.3		9.	7	.5	4.	9.	5.	*	.2						67	67	23	5
-	1		1.1	.2	•	.7	.2	3.	.2	4.	• 1						56	20	33	28
9 /99	•	6 1.2				3		4.		. 2							52	52	51	43
-	1	-	9	•		4.	7		. 2	.2		-					63	63	54	3
1	•	1 1.3	30	0	•	3		9	4	3					-		61	61	36	39
-	•	-	-	,		3.	*	4.	63	-							56	56	52	3
-	•	-		-	•	4											67	67	49	33
-	•	-	L	1:1		9		4.									99	99	77	30
54/ 3	•		1.7		•	10											69	69	45	58
-	•	-		.5	-	.7	.3	7.									68	99	69	52
50/ 4		-	1.3		•	00	.2										54	54	72	3
	•		Ī.	1.1		4.	4.										52	52	61	57
	•	1 .00	1.1		•	4.	.2										46	94	62	*
1		6.	-	-	•		1.										47	47	75	*
		1.0	-	•	•	_											42	42	24	35
	•	•	-		•	.1											56	56	19	45
	•	3.	-		•												39	39	48	09
	•	•	1.	7	•												37	37	4	\$
	•	1 .4	•		•												20	20	14	32
	•	•	•														50	50	34	99
	•	1 .5	•														=	=	34	
	•	4 .3	•														6	0	19	
	•	*									-			-			2	•	=	
	23	• 1										`					-	-	3	
	•	1										-					-	1	2	
20/ 1	19																			22
	11																			2
	13																			9
	13													-						
Element (	(X)	Zx2			Z×		×	ax v		No. Obs.				Mean	o Z	of Hours with	th Temperature		-	1
Rel. Hum.												20 F	₹ 32 F	267	7 5	273 F	2 80 F	283		Total
Dry Bulb																			-	
Wet Bulb	9																			
-	-	-	-	-		-	-	-		-			-	-	-	The second secon	-	COLUMN TO SECURE A SECURIT A SECURITA A SECURIT A SECURIT A SECURIT A SECURIT A SECURIT A SECURITA A SECURIT A SECURIT A SECURIT A SECURIT A SECURIT A SECURIT A SECURITA		

JUO O

WHITING FIELD, FLORIDA

0

4
SUMMA
2
=
2
_
S
-
U
œ
_
-
ш
<
0
~
×
-
-
U
_
<b>PSYCHROMETRIC</b>
0
-

MHITING FIELDS FLORIDA

0 0

	Dry Bulb Wet Bulb Dew Point	20.00	1128												Total	672.0	972.0	430
TOTAL	Vet Bulb			1128											1	+	1	
	y Bulb v		1128												2 83 F			
TAL	D.B./W.B. Dr			1128	+							+		mperatur	2 80 F	1.2	1	
5				-				-				-	-	with Te	+	2	+	
	30 231				+		-	-				-	-	of Hours		35.2		
	. 28 29 .							-						Mean No. of Hours with Temperature	≥ 67 F	129.3	36.3	
	. 26 27					-		-						1	+	28.0 1	-	
	. 24 25		-		+			-				+			₹ 32 F	28	19	. ,
	. 22 23		4												20 F			
(E) X	. 20 21		.5					-						H		8	-	
WET BULB TEMPERATURE DEPRESSION (F)	0 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30		2.0											No. Obs.	1128	1128	112	
RATURE D	15 . 16 1		2.4												7	131	8	-
B TEMPE	13 . 14		80											O'X	21.311	12.1	11.428	
WET BUL	11 . 12		5.5											×	67.7	54.5	8.8	
	9 - 10		9.4											H	-	+	1	_
	7.8		9.9	1										Σ×	76345	61451	5500	
	3.6		14.2															
	3.4		22.6												5679005	3589	1967	-
	1.2		.023.122.814.2							_				2x2	.95	35	28	
	0		5															
Temp	(9)	12/ 11	6/ 5											Element (X)	Ref. Hum.	Dry Bulb	Wet Bulb	

000000

Es)

Temp.							WEI BUL	BIEMTE	WEI BULB TEMPERATURE DEPRESSION (F)	LE MESSI	(E)				- 1		TOTAL		TOTAL	
(F)	0	1.2	3.4	5 . 6	7 - 8	9 - 10	11 . 12 13	13 - 14	. 14 15 . 16 17 . 18 19	7 . 18 1	9 - 20 21	1 . 22 23	3 - 24 25	. 26 27 .	28 29 - 3	30 231	D.B./W.B.	Dry Bulb	Wet Bulb	<b>Dew Point</b>
-							.2	.2	•	-		-		1.		_	9	9		
82/ 81						-		.2	3	. 1							10	10		
1				.2			.3	-:	1.	1.	1.			1.			18	18		
			2	9.		.2	.3	2.	.2	25	1	-	1	-	-	-	34	34		
			0.	•		.2	4.		2.	.2	• 2	7.		_			45	45	m	
		80		1.1		9.	9.	3.	.2	5.	.3			-	-	-	78	78	8	
		1.9				.3			.2	.2	.2	-	_	_	_		77	77	38	16
		2		•			4.	4.	.2	.2	.1						100	100	76	
	.2	2.2	2.3			.7	.3	•		3.	. 1	-	_			_	106	106	92	
		1		1.2			2		.2								114	114	95	80
1		2.		•		4.	0.	•	.2	•1							06	06	85	
	.2			•		9.	4				_		-				90	90	107	87
1		2.		•		.0	4.	•									40	99	96	
			1.0	.2		*		7.				_					99	99	81	72
		-		9.		.3	.2	•						_			54	54	79	
		-	1.3	.7		.1	5	-									59	59	73	58
52/ 51	.2	-		1.0		1	-:	-:									63	63	99	
- 11		•		•		. 1											38	38	80	
		•	4.	9.													25	. 25	99	
		•		.2									,				24	24	52	43
		•	9.	.3													24	54	33	
-		•		. 2													20	20	27	
40/ 39		•	. 5														14	14	27	
-	•1			. 1													6	6	26	
-		.2	.2	.2													00	89	10	
-		6.															4	3	10	
32/ 31																			*	
													1	-		-			2	23
-														_						9
19													-	1	1					
24/ 23																				
5																				
10																				
Element (X)		$\Sigma_{X^2}$			ZX	-	×	σ×	-	No. Obs.	-			We	Mean No. of	of Hours w	with Temperature	ture		
Rel. Hum.												≥ 0 F	= 32		₹ 67 F	≥73 F	280 F	≥ 93		Total
Dry Bulb																				
Wet Bulb																				
						-	-		-				-							

SEPR-TOOS HIP

WHITING FIELD, FLORIDA

0 0 0

0

0

0

THE PARTY OF THE P

PSYCHROMETRIC SUMMARY

MAR

2	
PAGE 2	
3	
ما	

														1						
Temp.	1	1	-	1	1	WEI	SULB TE	WEI BULB TEMPERATURE DEPRESSION (F)	IRE DEP	CESSION	(1)	1		1	1		TOTAL	1	IOIAL	TOTAL
TOTAL	2.829	2.829.023.513.6	.513.6	6 9.1	0	6.0 5.9	9 3.6	6 2.8	8 2	2.2 1	1.00 21	2 2	5.0 5.9 3.6 2.8 2.2 1.0 .2 2.2 27.28 29.30	2 . 78	29 - 30	23	0.0 / H.D.	1240	Wet Build	1240
28 78		-	-			-	-	+	-		+		-				1240		1240	
191			-				-	-	-	-	-							91		
147				1		4	FAR 2"	13 18	7	1							200	an 0		
107 79			3/-	20	79	400 R	254.9	0.0	4	912							01	0 vi		
1000	0	130	197	X 12-3	200	1 1 1	4	1 10	1 4	1							7.9	(10) (1)		
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	64.0		40-10	2 2 2	4 A	13	181	0 17		4 4	-						the contract of	4 6	1 63	
1000	8 e5 6	24 0	1 2		100	91	13		12	9	-	-						12	A MY	13
10 /6		4 4 4 A	0.75	755	40	Od o	400	-	12								101	21		
37.89	1 ×	100 100		180 P	177.0	vX =	1	17	-	-							21	79		
E 2 / 10		13	144	200	1 10 1	100	-										60 8	100 a	8.7	9 (all ) 1 (2) (3
27.81			0 ( ) 4	133	P 2 5												5.1	P-1	18	
8/ 87		100					-										E 1	010	100	
E 4 / 5																	463 2	100.0	100	N 40 PG
00/00/00	7.	rq s	-			-											20.6	172.0	103	
- SS / S																			10.	
17 /2	4											-						4	e e e	
Element (X)	พิ	2x2	-	××		×	-	, a	Ž	No. Obs.	+	-		Mean	No. of H	ours wit	Mean No. of Hours with Temperature	thure		
Ref. Hum.		10759	96	904		73.0		909.6	100	1240	H	\$ 0 F	± 32 F	₹ 67 F	1	≥73 F	≥ 80 F	293 F	-	Total
Dry Bulb		1986	35	77217		62.3	-	0.113		1240					7	114.6	16.2	2	-	766.0
Wet Bulb		3563644	09	64774	+	52.0	-	2.054		1240	+		83.6	79.8	7 8	4.2		1	+	7
		2000			H	4 11 1	1	*	1		1		-			-		1	-	

0.000

NAVWEASERVCOM

0 0 0 0 0 0

WHITING FIELD, FLURIDA

JUO O O

55 PSYCHROMETRIC SUMMA JAN 68

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 22 12 2 12 14 1 1 1 1 1 1 1 1 1 1 1	Temp.						WET BU	LB TEMP	ERATUR	WET BULB TEMPERATURE DEPRESSION (F)	NOISS	(4						TOTAL		TOTAL	
89	(F)					•	11 - 12	13 - 14	15 - 16	17 - 18	3 19 - 2	21 -	23.	25 .	27.	29 .		D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
893 893 894 895 895 897 897 898 898 898 899 897 898 898 898	-										•	2						*			
8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	-										•	2									
83   1.2   1.2   1.2   1.2   1.3   1.4   1.5   1	-						.1		7.	•				2				10			
191							.5	•		•	•			-	-			24			
10   10   10   10   10   10   10   10	-									•	•		•	1				29			
1	-					. •	• 6	.5	7	•	•	•	3					69			
1	-					1.0		•		•	•	•	2					40			
11 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1	-		- 2	. 7		1.2	6.	•	•	•	•	•						79			
1	-					.5	.5	•		•	•	•	-					82		18	
65	-	.2				6.	.5	•		•	•	2						91		69	24
65 2 2 1 2 2 2 1 2 2 1 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 2	-					.7		•										91		85	5
69								•			•	_						71		95	63
61 16 2.3 1.8 1.9 1.7 1.7 1.1 1.4 1.1 1.4 1.1 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	-	2					.3	•			-							66		82	7
61		-		•				•										70		103	49
59       -2       1.5       1.7       1.0       -8       -3       1.1       -1	-	9					.2	•										77		122	00
55 2 1. 7 1. 7 . 7 . 7 . 1 . 1 . 1 . 1 . 1 .	-	-					. 1	4.	•									72		97	91
55 .2 1.3 1.4 1.1 .2 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	-	2																63		66	•
53       .2       .3       .2       .3       .2       .3 <td< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td><td>.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>58</td><td></td><td>96</td><td>85</td></td<>	-						.3											58		96	85
51       .2       .4       1.0       .4       .5       .2       <	-																	35		81	•
49 .5 .4 1.0 .4 .5 .2 .2 .2 .3 .2 .4 .5 .2 .2 .3 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3	-					.2												27		99	7
45 . 2 . 2 . 2 . 3 . 2 . 3 . 4 . 9 . 9 . 37 4 . 3 . 3	-																	37		57	67
45 . 2 . 2 . 2 . 3 . 2 . 2 . 3 . 2 . 3 . 2 . 3 . 3	-				.2													19		36	7
41 .1 .1 .1 .2 .2 .3 .3	-																	6		37	55
41 .1 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	4																	00		18	2
39 - 1 - 2 - 1	4																	2		20	04
37 2 . 1 3 3 7 2 3 3 7 3 3 3 7 3 3 3 3 3 3 3 3 3	~																	3	6	10	2
25 27 27 27 28 29 29 29 29 29 20 30 30 30 30 30 30 30 30 30 30 30 30 30	3																	20	•	1	25
29 27 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	1 3																			2	2
25 25 27 (X) Σχ² Σχ	6 /																			-	23
25 25 (X) Σχ² Σχ	2/3																		7	1	2
25 23 Σχ² Σχ² Ακαπ No. Obs. Aean No. of Hours with Temperature m. ± 29.F ± 27.F ± 28.0 F ± 29.3 F House with Temperature	2 /0																				22
23	8/ 2																				
(X) Σχ² Σχ	2 /9																				
(X)	2		0	1	4	-	t		1	-	1	-		-	-						
32 F 507 F 273 F 280 F 273 F			ZXZ		×	+	×	×	+	No.	Jbs.	1		1	Med		Hours w	in lemper	1	-	
Dry Bulb Wet Bulb	Ref. Hum.					+			1			0 1		32	9 .			× 80 F	2	_	Total
Wet Bulb	Dry Bulb														-	-				1	
	Wet Bulb																				

0 0 0 0

0

	-	
	•	1
		1
		1
		1
	3	1
	:	7
	0	4
	_	LINE
3	u	
		•
	-	ì
	-	ı
	-	FIELDS

FLURIDA	ATION NAME
FIELDS	728
WHITING	

ISEAR - YEOS HWI

0

0

	Wet Bulb Dew Point	3 1200		3.0														Total	720.0	720.0	720.0
TOTAL	Wet Bulb		1200	1		6												F			
	Dry Bulb	1200					1				1-15						1	293 F			
TOTAL	D.B./W.B.		1200		*	7	3										Mean No of House with Temperature	≥ 80 F	0.99		
	231		1					/						1			Hours	≥73 F	218.4	10.8	3.0
	8 29 - 30	1	V.											_				≥ 67 F	1 1		85.8
	26 27 - 2	2					180										-	-	.6 37		
	- 24 25 -	5															$\dashv$	≤ 32 F			33.0
	10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30	1.5											-1"			3.		\$ 0 F			
ION (F)	19 - 20 2	2.9								N								0	00	00	00
WET BULB TEMPERATURE DEPRESSION (F)	17 - 18	3.7															1	1200	1200	1200	1200
PERATURE	4 15 - 16	7 5.1						-3		22.							1	21.587	9.859	175	0.837
BULB TEM	12 13 - 1	5 6.7		-						10					-		6	1			-
WET														-			b	67.3	66.5	59.2	53.5
	7.8 9.	80.80										-		-				80703	9793	70997	64256
	5.6																	œ			
	3.4	18.9																5984689	2317	4280609	1514
	1.2	3.319.118.913.7															2.3	868	542	428	358
	0								-						-						_
Temp.	(E)	22/ 21 TOTAL		, et														Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point

NAVWEASERVCOM

WHITING FIELD, FLORIDA

ISEAR- TEOS WAN

0

0

0

0

0

JAN	68

NAVWEASERVCOM

WHITING FIELD, FLURIDA

1SELR. 7005 MSH

0 0

0

0

0 1.2 3.4 5.6 7.8 9.10  1 1.3 1.6 1.2 1.0  1 1.5 4.1 2.3 1.0  2 4.0 3.3 1.7 .2 .7  2 5.6 1.8 .4 .5 .2 .7  3 1.3 .3 .3 .5 .4 .3 .1  3 2 1.3 .3 .3 .3 .1  3 3 1.3 .3 .3 .3 .1  4 2.8 1.8 .4 .5 .2 .7  5 1.9 1.0 6.0 1.0	Tema							WET BL	ILB TEMP	ERATUR	DEPRES	WET BULB TEMPERATURE DEPRESSION (F)							10	TOTAL		TOTAL	
95   95   95   95   95   95   95   95	<b>E</b>	0	1.			7.	9	11 - 12	13 - 14	15 - 16	17 - 18	19 . 20	21 - 22	23 . 24	25 . 2	6 27 .	28 29 .		≥31 D.B.		Dry Bulb	Wet Builb	Dew Point
93   93   94   95   95   95   95   95   95   95	-										.2	•							-	60	80		
91   92   93   94   95   95   95   95   95   95   95	-								.2											58	59		
89   1   1   1   1   1   1   1   1   1	-						•	•	•	1	1.	•	•							58	58		
83   1.0   1.0   2.0   1.2   3   3   3   3   3   3   3   3   3	-							9.	-	-	•	•	•	-				-		69	69		
85	-						-	7	-	-	•	•	•	.1						75	75		
63	-					1.	2.	7	-		•	• 1	.3							66	66		
	-					1.	2.	7			•									87	87		
77 1.5 4.1 2.3 1.0 1.8 5.3 .4 .3 77 1.5 4.1 2.3 1.0 5.3 .3 .1 78 2. 4.3 2.1 .3 .1 79 2. 4.3 2.1 .3 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 71 8 3.8 4.4 .5 .2 .2 .1 72 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			. 1	.2	•	1:	1:				•							-		99	64		
77 1.5 4.1 2.3 1.0	-		1.	-	1.	7	•		•											76	76	14	1
7 3 .1 3.5 4.3 2.1 .3 .1 .3 .1 .3 .1 .3 .1 .3 .1 .3 .1 .3 .2 4.0 3.3 1.7 .2 .7 .3 .2 .7 .3 .1 .3 .1 .4 .5 .2 .2 .1 .3 .2 .2 .1 .3 .2 .2 .1 .3 .2 .2 .1 .3 .2 .2 .1 .3 .2 .2 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	-		1.5	*	2	-	•	•	•											120	120	78	35
73	-		3.5	,	2.		•	•	•								_			129	129	201	36
718 3.8 4.4 .5 .2 .2 .1 69 .4 2.8 1.8 .4 .3 .2 .2 6512 .3 .1 .1 612 .3 .1 .1 622 .3 .1 .1 632 .3 .1 .1 642 .3 .1 .1 652 .3 .1 .1 642 .3 .1 .1 652 .3 .1 .1 652 .3 .1 .1 662 .4 .3 3.3 1.9 .4 67	-			3	-		. •	•			-									122	122	266	1
7 69 64 268 168 64 63 63 62 7 4 63 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 63 64 64 64 64 64 64 64 64 64 64 64 64 64	-		3.8				•	•												611	119	195	123
7 67 .3 1.3 .3 .5 .4 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	-		2.8	:	•		•	•												75	75	182	
7 69 .1 .4 .4 .2 .3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	-		1.3		•		•	2										-		37	37	106	197
7 632311 7 59 7 57 7 59 7 57 7 59 7 51 7 64 7 65 8 64 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	-		4.	•	•	•	•													18	18	65	
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  Hum. 6414026 84912 70.8 18.287 1199  Sulb 7572631 94861 79.1 7.508 1199  Sulb 6124712 85938 71.3 4.317 1199	-				•	•	•											-		10	10	42	
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  Hum. 6414026 84912 70.8 18.287 1199  Fulb 7572631 94861 79.1 7.508 1199	-					•	_													*	*	22	
7 57 7 59 7 51 7 47 7 47 8 6 6 10 6 7 9 6 5 5 7 4 3 3 1 9 6 6 6 6 6 6 6 6 6 7 9 6 5 5 7 4 6 9 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	-																					91	
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  Hum. 5414026 84912 70.8 18.287 1199 20F 232  Bulb 6124712 85538 71.3 4.317 1199	-																	-				=	28
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  Author. 5x7																						•	
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4  Hom. $\frac{\sum_{x}}{\sum_{x}} \frac{\sum_{x}}{\sum_{x}} \frac{x}{x} \frac{x}{x} \frac{x}{x} \frac{x}{x}$ Full						-										-	+	+	-				23
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4    AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4    An $(x)$ $\Sigma_{x^2}$ $\Sigma_{x}$ $\Sigma_{x}$ $X$ $T_{x}$ $N_0.061$ An $(x)$ $\Sigma_{x^2}$ $\Sigma_{x}$ $\Sigma_{x}$ $X$ $T_{x}$ $N_0.061$ An $(x)$ $\Sigma_{x^2}$ $\Sigma_{x}$	1		1			1	1	1				1				1	-	+	+	+			70
AL 1.917.620.311.0 8.610.6 7.9 6.5 5.7 4.3 3.3 1.9 .4 and $x_1 = \frac{x_1}{x_2} = \frac{x_2}{x_1} = \frac{x_2}{x_2} = \frac{x_3}{x_2} = \frac{x_4}{x_1} = \frac{x_4}{x_2} = \frac{x_4}{x_2} = \frac{x_4}{x_1} = \frac{x_4}{x_2} = \frac{x_4}{x_2} = \frac{x_4}{x_2} = \frac{x_4}{x_2} = \frac{x_4}{x_2} = \frac{x_4}{x_1} = \frac{x_4}{x_2} = \frac{x_4}{x_4} = \frac{x_4}{x_2} = \frac{x_4}$	**																						
ZX2         X         X         No. Obs.           6414026         84912         70.8         18.287         1199         109           7572631         94861         79.1         7.508         1199         109           6124712         85538         71.3         4.317         1199	TOTAL	1.9	17.6	20.3	11.0	0		-	•		;		-						1	1189	1199	1199	1199
Σχ²     Σχ     X     No. Obs.       6414026     84912     70.8     18.287     1199     10.7       7572631     94861     79.1     7.508     1199     10.7       6124712     85538     71.3     4.317     1199       6124712     85538     71.3     4.317     1199																							
5x3																	-						
6414026 84912 70.8 18.287 1199 :0F :32 7572631 94861 79.1 7.508 1199 6124712 85538 71.3 4.317 1199	Element (X)		2x2			ZX.	-	×	Øx	-	No. O	bs.				¥	Mean No.	of Hours	*i#	Temperature			
0124712 85538 71.3 4.317 1	Ref. Hum.		641	4026		849		10.8	18.2	87	=	66	20 F			AI	₹ 79 E	≥73 F		≥80 F	₹ 593 F	Н	Total
6124712 85538 71.3 4.317	Dry Bulb		757	2631		846		19.1	7.5	80	1	66				76	100.8	562.	1 3	20.1	22.2		720.0
TOTAL DISCOURT OF THE REAL PROPERTY OF THE PERTY OF THE P	Wet Bulb		612	4712		855		71.3	4.3	17	11	66				9	626.3		.3	1.8			720.0
2024787 21123 8111 2124	Dew Point		552	4989		811	H	67.7	5.50	90	7	199		H		3	503.8	175	60	•		H	720.0

NAVWEASERVCOM

#### 5 PSYCHROMETRIC SUMMA JAN 68

WHITING FIELD, FLURIDA

PSYCHROMETRIC SUMMARY

Temp						WE	BULB T	EMPERA	URE DEP	WET BULB TEMPERATURE DEPRESSION (F)	(5)						TOTAL		TOTAL		
(e)	0 1.	2 3.4	5.	6 7.	8 9	10 11	12 13	. 14 15	16 17 -	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30	20 21 -	22 23 .	24 25 .	26 27 .	28 29 .	30 = 31	D.B./W.B	D.B./W.B. Dry Bulb	-	Wet Bulb Dew Point	ŧ
100/ 99													.1					2	2		
	+	+	1	+	+	+	+	+	1	-	•	2	+	-	1		-			-	
-			_						.2 1	.1		7					31		_		
94/ 93		-			-	-	1	7	.7 2	0	4	-	-	-	-	-	51	3		-	1
92/ 91							.2 1	0	80	80		2					52	2 52	~		
						.2 2	2	6 1	11.	2			-				80				
			•	1	-	~	0.	.5	9.			_	_			7	68		_		
86/85			•	1 1	9 6	1	7	.3	• 1								96	* 94			
			•	7	3	.9 1	.1	.2			-						74	4 74	-		
82/ 81			9 2.	.4 2.	-	.5											73			2	
80/ 79			6	~	6.												104				-
78/ 77		~	2		100	7											151		1	-	0
	.2 6	6.5 7.	8			_											200				~
74/ 73		-		100													139			2	0
				7	1.		-										36	06 0			0
	-	0	*										_				24		1	8	
68/ 67		2.																2	2 2	5 140	0
59 /99		-			-		-	_												5 42	~
64/ 63																				7	0
0		-		-	-		-														~
58/ 57															-					~	N
1										1		,	1.	-	1		-				1
TOTAL	2.620.723.	. 723.	211.9		20	0	æ	4.0	5.4	.2 1.8		•	7.				1239	1237	1239	1239	
		-	-	-	+	+	-		-	-	-	-	-		-		-			-	T
		-	-	-	+	+	-	+	-		-	-		+	-	-					
		+	+	+	+	+	+	+	-		+	-	-	+	-	1	1		1	-	T
		-	-		+	-		-	-				-		-	-					
Element (X)	242	-	+	- X	-	- 1	+	- dx	Ž	No Obs	-		-	Me	No. o	Hours w	Mean No. of Hours with Temperature	otre			T
Rel. Hum.	7	7223788	8	926	90	74.6	-	6.384	L	1239	VI	20 F	≤ 32 F	1	≥ 67 F	=73 F	≥ 80 F	F 293 F	- L	Total	
Dry Bulb	30	11559	3	666	103	80.6	1	6.974		1239	-			74		674.3	3 350.		52.8	766.0	0
Wet Bulb	0	6763129	0	916	91479	73.8	+	2.691		1239	-			74	741.0	508.	-	00	-	766.0	-
Dew Point	9	24099	1	878	173	70.9	-	2.669		1239	-			70		326.7			-	766.0	10
	-			1		1	1			-	1	1		1	4	-	-	1	1	1	]

NAVWEASERVCOM

0 0 0

AUG

WHITING FIELD, FLORIDA STATION WATE

12EA8-7605 MSH

0

The second of

0

	Dew Point									-	19	140	364	358	220	55	30	13	7	2:	-	-	1240		Total	744.0	744	
TOTAL	Wet Bulb D		1						7	**	219	289	290	544	104	22	•	6	0				1240		Te			
		4:	17	40	70	11	06	83	86	92						20	2		1				1240		- 63 E	18.6		And in the case of the last of
TOTAL	D.B./W.B. Dry Bulb	41	19	64	20	11	06	83	86	82	113	185	214	66	38	80	3		1				1240		280 F	315.6	9	
T			+		-			-								_	-		-		-		1		-			•
	0 = 31		1													_		_							273.6	654.0	506.4	;
	29 - 3																							2	-		1	
	27 - 28																							2	2 67 F	741.0	728.4	
	5 - 26		1																1						1		T	
	. 24 2		+			-													1						₹32 ₽			
	22 23	7.	7	-:	-	_						-		-					+		+	-	•		40.			
(F)	20 21 .	7	1		2	2	_					_							-		-	_	•	-	1	-	-	
SSION	8 19 -	•		_	•	•		2	_			-											•	نِ الله	1240	1260	1260	2
DEPRE	17 - 1			•		.2		•															2.0	1	-	-	-	
RATURE	15 . 16		•	1.5		4.	-	-															3.3	1	15	2	90	1
WET BULB TEMPERATURE DEPRESSION (F)	10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30	7	0		2.5	6	.3	.2															2.5	6	F. 007	6.5	3.090	
ET BULE	. 12 1		1	.2	6.	2.2	9		:	.3													5.7		0	1	+	-
*	10 -		+		9.	7	6		2	-		-	2					-	1		-		7.0		10.0	79.3	73.9	1
	6		+	-	-	.7 2	-	.2 1	2	00	2	.2		.2	7	-			+		-	-			97707	187	91877	
	6 7.		+		-		~	~	-		2			~		2			-		-		510.0	N N	6	98	91	
	5.		1				_	2 1.5		~	-						*		-				210.				_	_
	3.4								0	-	4	3				•							17.		21.0	7859807	80	2
	1.2								•		3.2	9.2	12.4	5.8		7.							4.133.517.210.	2.2	803	785	677	•
	0		1								-	.5	1.9										7					
.di		9.8	7.3	6	68	87	85	83	81	19	1	75	73	7.1	69					50	55	53		1	,	Bulb	Bulb	Ding
Ten	(F)	196	40	92/	106	88	86/	84/	82/	80/	78/	76/	74/	721	10/	189	/99	140	95/	00	56	54/	TOTA		Pel Hum	Dry Bulb	Wet Bulb	

5 PSYCHROMETRIC SUMMA JAN 68

-	Dry Bulb Wet Bulb Dew Point	•	•	0 +	09	21	73	16	95 16 2		224	227 2	225	3 136 1	70 1	33 44 79			16 .	31	31 20 20	. 31 20 71	12024	12027	110014r	110147	##014rra	31 20 17 4 7 7 2 1200	20 20 20 20 20 20 20 20 20 20 20 20 20 2	22 31 11 31 4 20 5 17 2 2 7 2 2 2 200 1200	22 31 11 31 4 20 5 17 2 2 2 2 2 2 200 1200	22 31 11 31 4 20 5 17 2 2 2 2 2 2 200 1200 1200 1
	D.B./W.B. Dry	<b>*</b>	51	<b>*</b>	09	16	73	91				169		63	34	33	19		77	77	27.4	2=25	22450	222000	2732672	22222				1 1 1 1 1 2	11 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	11 11 4 4 5 3 3 7 2 2 2 1200 1200 1200 280 F
	231 D.		+		-		1							7			-													1 1	urs with	273 F
1	- 1		+		-		-								1		+													T T	of Hours	9 Ho
-	. 28 29 . 30		+		-										1		1			-										Wedon No.	Ween No	Mean No. 267 F
-	. 24 25 . 26 27		+		1		-			-		_	-		-		1		-	1	-											
-	. 24 25		+		-	-	-	-							-	-	-			-											233	133
1	. 22 23		+		1	~	-	-					-		-		-			Street, or Assessed											1000	102
3	20 21	-	2.	-:	.2	.2									1		1											F.	F.			
WET BULB TEMPERATURE DEPRESSION (F)	. 18 19	• 5	-	4.	-	.2	-		1.		.1				-		1											1.2	1 2	7900	0. Obs.	8. Obt. 1200
URE OF	16 17	.2	4.		7	.5	.2	.2	.1	7.	. 1						-											3.3				7
EMPEKAI	10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21				.7	.2	-	1.	.2	.2	.2		.2		-		-											0	9	2 8	0 50	0 803
BULB	12 13		1	.9 1	3		9	0.	4.	5	-		-	7.	1								+				1	6,2	4	4	1 2	1 2 1 17
WEI	10 11		1	2.	.8 2	1.	9.	6.	.7		2	2.	2.	.2	-		-						+					9 5				
1	. 8		1			.8.		.2			.5				.3	.2	2.		1				-					7 00	9.	9.		5772
1	. 6 7		1				.8 2	7.	3		5			1.	9		.5	s.	2.		_		-					8 2 8		The second secon	2x 2x 8	2x x x x 3 6 6 6 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9
1	.4 5		+				-	0				2.7 1		1.3	.3	1.3	5	*					-	?-:			-	- 6	7-   6	7-   18-	31.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
1	.2 3		1						.6	0			.3	2.4 ]	4.		.3	6.	.1	• 3			.2.	200	7007	1202		.530.321.313.2	7 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	. 2	1. 2. 1. 2. 1. 3.
	-		1						7		1.		0	~	-	7:											5	3,53	3.53	3.53	3.53	3.53
d		63	3	89	87	88	83	81	19	11	73	73	1,	69	63	69	63	5	29	57	-	53	23	23.5	25.25	25.25.4	22222	200000	22222	22242	N 6 4 4 4 7 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Temp.	•	196	126	106	88/	86/	148	82/	80/	78/	76/	14/	721	102	/89	199	149	62/	109	28/	148	1	54/	25/	20/25/	2005	2 2 2 3 3 3	150/ 16/ 16/	45025	146828	54/ 50/ 50/ 50/ 50/ 107Al	

010

WHITING FIELD, FLORIDA

<b>PSYCHROMET</b>	RIC	SUMMA
-------------------	-----	-------

WHITING FIELD, FLORIDA

05

TOTAL Dry Bulb | Wet Bulb | Dew Point PAGE 1 D.B./W.B. 27 . 28 25 - 26 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 WET BULB TEMPERATURE DEPRESSION 9 - 10

3.6

777

23 - 24

131 29 . 30

401244112403404411246-4024694777777777777777777

50

Total

≥ 93 F

≥ 80 F

=73 F

337

2 0 F

Dry Bulb Wet Bulb

NAVWEASERVCOM

8

of Hours with Temperatur

Mean No. ₹ 67 F

**JAN 68** 

82/ 81 78/ 77 76/ 73 72/ 73 72/ 73 72/ 73 72/ 73 70/ 69 68/ 65 66/ 65 66/ 65 56/ 63 56/ 55

52/

104

4 4 9 9 9

5 PSYCHROMETRIC SUMMA JAN 68

2 4.51.5	TOTAL TOTAL Not Built Day Point	1240		Total	766.0	
PAGE 2	TOTAL West Bulls	1240		+	+	+
_	Dec Bulk	1340	J.e	1 8 E		
	TOTAL D.B./W.B.	1240	Mean No. of Hours with Temperature	1	76.2	
	15.		Hours with	≥73 F	250.2	16.0
	200		No. of			
	WET BULB TEMPERATURE DEPRESSION (F)		Mear	2 67 F	388.2	
	26 20			≥ 32 F		6.0
	2 22			+	+	+
	101	0		10F		
	SION (F)	5-1	bs.	1240	1240	1240
	DEPRES	3.5	No. Obs.	7	7	12
	WET BULB TEMPERATURE DEPRESSION (F)	9.5		960	66	52
	JLB TEM	7.6	Ox.	-	9.895	-
	WET BI	8 7.2	×	6863	900	54.7
		•	$\vdash$	-	+	_
			Z,X	846	826	67869
		<del>1</del> 2 ++++++++++			0.	
	1	200.		2369	797	3844905
	-	610	2x2	95	20	38
	-					
	Temp.	TOTAL	Element (X)	Ref. Hum.	Dry Bulb	Wet Bulb Dew Point

E

NON

							VET BULL	TEMPER	ATURE D	WET BULB TEMPERATURE DEPRESSION (F)	(£)	1	1	1	-	T	TOTAL		TOTAL	
	0	1.2	3.4	9.5	7 - 8	9 - 10	1 - 12 1	3 . 14 1	5 - 16 17	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 -	. 20 21 .	22 23 .	24 25 . 26	27 . 28 29	29 - 30	182	D.8./W.8.	D.B./W.B. Dry Bulb	Wet Bulb Dew Point	Dew Poir
1									1.								1	7		
- 1					.2	-	.2	2.	.2	1	1	+	1			1	6			
				9.	.2	4.	·.	-:	7.			_	_				23	23		
			7	*	4.	-	-	2		-	-	1	1			1	13			
		4.	9		.3	.2		7.	.2	_	_	_					34		-	
			1.0			6	.2	7	•			.1					55	55	25	9
	.2	1.7	6	9	9.	.3	.2	7	.2	.3							61		28	28
						100	-	-									71	71	72	*
		2.7		-	-			6	54		-	-					8			56
	13				•			9	1 4			_					6			9
	-	9	4			7		-			-	-					72	72	79	70
		•		1 0	•					• 0	_	_					74			7.5
1	-						4	2 10	2	9 -	+	-					61			5
				. 4	. "			1		:							63	6.3	28	2.5
1	T								4	+	+	+	-				50			13
										_	_						3.5	2.4		0
- 1	1	•	4	-	•	24		90	1	+	+	+	1			T	62		205	1
				•	1	) (¢	•				_							20		3:
1	-	•	•				•	•	1	-	-	+	-				52			36
	•				11		-										36	56	69	0
1	T			1	T.		•	1		+	+	-	-				25			0
			. 0		1 17				_								29		64	36
1	1		9				1	T	+	-	-	-	-				33			5
				. "	•												25		36	36
1	1	0	9					1	+	-	-	-	-				29	29		
			14						_	_	_								30	38
-	1		u	1	1	T	1	1	+	+	+	-	-				10			
-		•			_														, 0	
-	1				1					+	-	+	-						20	63
-												_	_	_			~	2	7	6
-		4								-	-	-							1	27
																				1
-										-	-	-								
-											_									9
		2x2			Σ×	H	×	σ×		No. Obs.				Mean No.		of Hours with	-			
						-			_			₹0 F	₹ 32 F	2.67		≥73 F	≥ 80 F	2 83		Total
-																			1	
-						-													-	
í							-	-	-		-	-	The same of the same of the same of	-		The same of the same of	-	-	-	

0 0 0 0

NAVWEASERVCOM

HO O O O

WHITING FIELD, FLURIDA

HON CONT. SEEDS HON

55 PSYCHROMETRIC SUMMA JAN 68

4.57.5		Dry Bulb Wet Bulb Dew Point	1200			Total	720.0	720.0	720.0
PAGE 2	TOTAL	Wet Bulb	1200			-	-	-	-
-		Dry Bulb	1200			2 93 F			
	TOTAL	D.B./W.B.	1200			2 80 F	10.8		
	1	231				273 F	2.2	15.6	3.2
		29 . 30			3	A1	1	1	1
		27 . 28				2 67 F	1	112.8	1
		25 . 26				≤ 32 F	8.4	22.2	49.64
		. 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30	-			-	+	+	-
	9	20 21 - 2	.2 .			102		1	
	WET BULB TEMPERATURE DEPRESSION (F)	18 19 - 2	· ·			1200	200	1200	1200
	URE DEPR	16 17 .	2.7 1.						
	EMPERAT	14 15	3.7 2			0.96.0	839	813	14.870
	ET BULB T	- 12	5.2 3			-	-	3 11	1
			9.9		P	-	+	53.3	+
	1	7.8 9	4.4		,	5037	0248	4004	57805
	1 1	2.6	16.2						
	1	7.5	21.91			4632487	0386	1302	3049659
	1	1.2	2.931.221		2	663	428	358	304
		•	2.5	,					
	Temp.	(4)	16/ 15 14/ 13 TOTAL			Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point

×
4
E
SUM
S
U
2
TR
ш
٤
0
~
I
U
>
PS
_

WET BUILD TEAMEDALINE DEPRESSION (7)  1. 1	TOTAL	Dry Bulb V		21 21		12 32 22	51 51 32	54	77		64 64 42			16 86 53	64 64 61	73	61 61 77	68	1 61	53		42	7 47 73	36	26 26 47	28	9	2	2 2 10	1			1 . 1	16 293F	
11.2 3.4 5.6 7.8 9.10 III. 21 13.14   15.10   17.18   19.20   21.22   23.24   25.26   27.28   29.28	101		-		_		••	-	_		_		-		_		_		_	-	_	-	_				_				-		urs with Temp	F	The second secon
1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		. 28 29 . 30																															70		The state of the s
1.2   3.4   5.6   7.8   9.10   11.12   13.14   15.16   17.18   19.20   1.22     1.2   2.4   5.6   2.2   2.2   2.1     2.2   2.3   2.2   2.3   2.2     2.3   2.4   5.6   2.2   2.2   2.1     2.4   2.4   2.4   2.2   2.2     3.4   3.4   3.4   3.4   3.1   3.14   15.16   17.18   19.20   1.21     3.4   3.4   3.4   3.2   3.4   3.2     3.5   3.5   3.5   3.5   3.5   3.5     3.5   3.5   3.5   3.5   3.5     3.5   3.5   3.5   3.5   3.5     3.5   3.5   3.5   3.5     3.5   3.5   3.5   3.5     3.5   3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5   3.5     3.5   3.5     3.5   3.5   3.5     3.		. 24 25 . 26																																32	The state of the latest and the state of the
1.2 3.4 5.6 7.8 3.	9	. 22		•			_																											0	The real later lat
1.2 3.4 5.6 7.8 3.	EPRESSION (	7 . 18 19 . 2		•		•		•																		1							No. Obs.		The second name of the last of
1.2 3.4 5.6 7.8 3.1 5.0 7.8 3.1 5.0 7.8 3.	APERATURE D	14 15 . 16 17					•	•	•	•			•	•	2	3																			-
1.2 3.4 5.6 7.8 3.	VET BULB TEA	11 - 12 13 -	1.	-		.2.				4	3		7	2	0		.1	.2	.1	1.						1						-			-
1.2 3.4 2.2 3.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2		8 9.1		2		1	•	•	•	•	•	•	•	•	•	•	•	•		•	•	9	.2	-		1									The second secon
2		1 9.	7	~					1.	0								-	.01	63	es.		7.	0	9.	.2							Zx		A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN C
		2 3.		.5	9	1	•	•	2 1.	•	1	8 1.	•	9 1.	9 1.	1	1 1.	8 1.	6 1.	-	-	-		-	6 1.	0	•	•		1			2		-
		-	-						7		1 2	1				1										-					 -		Σx		

0 0 0 0

THE STATE OF THE LA

1264-7605 NSH

150	ı
~	i
7.	ł
	I
	ĺ
3=	ı
4	ı
-	ĺ
	۱
	I
	ĺ
	ı
	ı
	Ì
	I
	۱
	i
	I
	ŀ
	ĺ
	I
	۱
	۱
	I
	ı
	۱
	۱
	۱
	۱
	۱
	۱
	۱
	۱
	ı
	۱
	۱
	ı
	۱
	I
	J
	ı
	I
	Į
	۱
	۱
	Į
	ı
	۱
	Į
	۱
	۱
	l
	ı
	۱
	l
	۱
	ı
	ı
	۱
	۱
	ı
	۱
	۱
	۱
	۱
	ı
	ſ
	۱
	۱
	ſ
	۱
	۱
	۱
	۱
	۱
	۱
	۱
	J
	۱
	ı
	۱
	۱
	۱
	۱
	۱
	۱
	J
	۱
	۱

Temp.							-	VET BU	B TEMP	ERATURE	WET BULB TEMPERATURE DEPRESSION (F)	SSION	(F)							TOTA		-	TOTAL	
(F)	0	1.2	3.4	5.6	-	7 . 8 9	. 10	1 - 12	13 - 14	15 . 16	9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30	3 19 -	20 21	- 22 2.	3 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31		D.B./W.B. Dry Bulb Wet Bulb Dew Point	3ulb W	et Bulb	Dew Poi
12/ 11																								10
8/ 7																								
TOTAL	80	.829.226.418.111.0	26.4	18.	111		0.9	3.1	2.5	2.2	4.		• 5	•1						1240		1240	1240	1240
																•								
						-																		
					-																			
					-	-													-			-		
						-																		
					-																			
																						+		
Element (X)		2x2			Z X	+		×	σ×	-	No. Obs.	bs.	-	1			Mean	No. of	Hours	Mean No. of Hours with Temperature	Prature	1		
Ref. Hum.		634	4735		85	507	69	0.69	19.023	23	12	1240		20 F	VI	≤ 32 F	₹ 67 F		≥73 F	280 F		≥93 F		Total
Dry Bulb		345	3451959		63	63713	2	51.4	11.9	. 995	7	1240	-			46.8		84.6	18.0	0	1			744.0
Wet Bulb		283	2545		57	909	46	46.3	11.937	37	12	40	-		-	9.6	1	2		-	1			744.
Dew Point		230	8392		20	060	4	40.4	15.1	991.	-	1240	-		7	8.5				-	$\forall$			144.

NAVWEASERVCOM

0

0 0 0

WHITING FIELDS FLURIDA

WHITING FIELDS FLURIDA

12648 - 7605 MSH

505 PSYCHROMETRIC SUMMA JAN 68

Temp							WET	BULB 1	WET BULB TEMPERATURE DEPRESSION (F)	URE DE	PRESSIO	(F) N								TOTAL		TOTAL		
•	0	1.2	3.4	5.6	7.8	9.1	0 11.	12 13	10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30	16 17	. 18 19	. 20 2	1 - 22	23 - 24	25 - 2	6 27 .	28 29 .		231 D.	D.B./W.B.	Dry Bulb	Wet Bulb	-	Dew Point
32/ 31	0	2.		7	0.		-	-		-	-						_		-	91	16	155		279
	0	2	.2																-	67	9			270
-	0	7	-	0				-		-									-	**	44	1 92		204
-	0	0	-	0						_	_							-		28	28			182
24/ 23	0	0	0				_	-												10	77			157
	0	0	0																	0	6			28
20/ 19									-	-													*	87
-			0					_		_								_		1			9	87
-		0						-		-	-							-		7		1	-	57
14/ 13		0						_	_											1			_	36
-		0					-	-	_	-								_	-	1		7	-	36
6 /01	1										-							-	-				1	40
-																								12
6/ 5								-	_	-	-					-	-	-				1	1	000
6/4																								in it
TOTAL	2.85	2.825.121.813	11.8	13.7	9.5	0	9 0	6.1 4	4.6 3	3.8 2	2.5	1.3	9.	.2	0.		0	-	-		14606		14606	200
									+								-	+	-	14606		14606	•	
		1						+	-	+		1				-	+	+	1				+	
																							-	
						-	-		-	-							-	-	-				-	
						-	-	-	-	+	1					-	+-	+-					-	
						-	-		-	-	1					-	-	+	-				-	
						-	+	+-		+	+					-	-	+	+				-	
							-	-	-	-						-	-	+-	-					
Element (X)		ZX2			NX X		I×	-	σ×	Z	No. Obs.					Me	an No.	of Hour	s with	Mean No. of Hours with Temperature	ture			
Rel. Hum.	æ	80330339	3339	10	046041		71.6	-	9.256		14606	\$	≥ 0 F		≤ 32 F	AI	≥ 67 F	≥73 F		≥ 80 F	293 F	-	Total	
Dry Bulb	9	6829801	3013	0	976061	-	8.99	-	4.502		14606	9		-	51.	5503	151.65030.18528.81	3528	-	597.8	8 101.4	4	8760.0	000
Wet Bulb	-	6398	3630		8674	-	60.7	-	3.249		14606	9		3	.80	5379	8.8	1849		15.	0		8760	0.0
Dew Point	4	49686871	1871		820467	-	56.2	-	5.696		14606	9		6	54.	3304	954.33041.01286.2	1286	.2	3.6	9		8760.0	0

NAVWEASERVCOM

0

WHITING FIELD, FLURIDA

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY DRSERVATIONS

, FLORIDA	STATION NAME
FIELD	
MHITING	
93841	STATION

73-77

ANNUAL	12.944	13.358	59.9 14.041 1825	14.775	13.672	75.0 12.504 1826	12.719	12.559	14.503
DEC.	47.4 11.382 155	45.9 11.942 155	45.0 12:512 155	50.8 10.791 155	56.8 9.920 155	9.294	53.3 9.540 155	49.7	51.4
NOV.	94.2 10.956 150	32.6 11.644	51.3 12.252 150	59.2 10.042 150	9.539	67.4 8.721 150	9.281	56.4 10.272 150	58.5
OCT.	61.6 7.522 155	8.036	58.2	7.432	7.146	76.9	69.8	64.2 6.801 155	9.896
SEP.	72.1 5.075 150	5.239	5.455	78.4 5.857 150	6.228	6.230	5.109	4.972	76.3
AUG.	74.6 2.345 155	73.1 2.330 155	73.0	3.624	87.4 4.984 155	85.7 5.893 155	81.4 4.325 155	2.921	79.3
JUL.	75.6 2.589	74.0	74.5 2.437 155	84.6 4.223	6.161	87.1 6.099	82.5 4.932 155	3.083	6.974
JUN.	3.404	3.694	3.771	83.0 3.820 150	88.2 4.673	86.5 6.070 150	81.6 5.014 150	3.701	79.1
MAY	68.2 4.383 155	66.4 5.134 155	5.135	77.8 5.353 155	5.748	82.8 3.846 155	4.631	3.849	74.2
APR.	7.125	58.8 8.121	8.563	7.578	75.5	75.6 6.778 150	70.2 5.676 150	63.9	9.859
MAR.	9.064	56.9	55.8 0.566 155	62.8 8.809 155	69.0 8.881	7.831	65.0 6.991 155	60.8 7.696 155	62.3
FEB.	50.0	1.4781	1.7681	53.8 0.593	62.8	9.645	57.9 8.579	9.446	54.5
JAN.	48.1 50.0 12.39910.777 155 141	46.6 47.8 5 13.18311.47810 155 141	45.7 46.3 5 13.67411.76810 155 141	50.0 53.8 12.02710.593 155 141	58.1 62.8 11.97610.469 135 141	60.0 11.268 155	54.3 11.048 155	50.2 11.792 155	13.13712.13210
enorme.	MEAN S. D. TOTAL OBS	S. D. TOTAL OBS	S. D. TOTAL OBS	S. D.	S. D. TOTAL OBS	S. D. TOTAL OBS	S. D. TOTAL OBS	MEAN S. D. TOTAL OBS	MEAN S. D.
HRS.(L.S.T.)	00	63	8	60	12	15	18	12	ALL

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY DBSERVATIONS

93841 STATION	1	WHITING FIELD,	1	FLOR 1D	4		13-11	11		YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	S. D. TOTAL OBS	45.2 13.217 155	45.2 46.8 13.21711.619 155 141	20	57.1 7.996 150	5.150	3.976	72.3	2.522	5.659	57.9 8.3801 155	1.899	11.968	58.9 13.385 1825
69	AEAN S. D. TOTAL OBS	13.797	45.1 11.951 141	54.1 10.556 155	85.8 8.718 150	63.2 5.734 155	68.7 4.295 150	71.5 2.257 155	71.4 2.659 155	5.813	56.4 8.6081 155	49.9 12.4191 150	43.0	13.774
90	S. D. TOTAL OBS	43.3	43.3 43.9 14.17212.158 155 141	53.2 10.855 155	85.3 8.956 150	5.885	4.592	72.1 2.180 155	71.2 2.588 155	6.076	55.4 8.8391 155	48.9 2.811 150	42.4	57.3 14.320 1825
60	AEAN S. D. TOTAL OBS	46.4 12.992 155	46.4 48.8 12.99211.373 155 141	57.3 9.324 155	60.7 8.052 150	68.4 5.110	73.2 3.692 150	75.7 2.022 155	75.6	72.1 5.407 150	7.9191	54.0	46.5	13.657
12	S. D. TOTAL OBS	50.5 12.0741	50.5 52.7 12.07410.466 155 141	59.3 8.476 155	62.3 7.435 150	69.1 4.525 155	3.560	75.9 2.092 155	76.1 2.109	73.4	7.0351	57.2 10.5771 150	50.6 10.786 155	63.7
15	S. D. TOTAL OBS	51.4 11.679	9.835	59.8 7.976 155	62.5 6.698 150	69.0	73.1	75.4 2.119	75.7 2.446	73.2	6.541	9.9241	51.0	11.565
1.8	S. D. TOTAL OBS	48.8 12.075 155	50.8 9.752	58.6 8.005 155	60.8	68.0	3.636	74.5 2.228 155	75.1 2.372 155	72.2	7.2581	55.1 10.7431 150	48.1 10.892 155	12.305
21	MEAN S. D. TOTAL OBS	12.742	46.6 48.4 12.74210.517 155 141	8.695 155	\$8.8 7.372	4.617	3.941	73.2	73.4 2.519	5.403	7.8031	52.8 1.520 150	45.8	12.880
ALL	S. D. TOTAL OBS	13.123	47.0 48.8 13.12311.428 1240 1128	56.8 9.511 1240	39.2 8.175 1200	5.435	71.3 4.318	73.8 2.691	3.100	70.9 5.676 1200	8.3291 1240	1.813	11.937	13.250

0 0 0

O

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

000

93841 STATION	1	WHITING FIELD,		FLOR IDA	4		73-77	11		YEARS			1	
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
8	S. D. TOTAL OBS	41.1 16.2851 155	42.8 14.241 141	2	54.2 9.917 150	62.1 6.460 155	67.8 5.069	70.9	3.073	68.1 6.437	54.9 10.1531	47.9	39.9 14.485 155	56.2 15.410 1825
69	S. D. TOTAL OBS	40.3 16.675 155	40.3 41.7 16.67514.1021 155 141	51.7	53.4 10.208 150	61.3	67.3 5.128 150	70.4 2.461	3.052	6.464	9.8351	14.4371	39.0	55.4 15.587 1826
8	S. D. TOTAL OBS	39.9 16.814 155	39.9 40.7 16.81414.1561 155 141	50.9 2.219 159	53.0 10.328	7.086	5.542	71.1	3.066	67.0	53.0	4.560	38.8	55.2 15.955 1825
60	S. D. TOTAL OBS	41.6 4	15.1171	2.234	54.3 11.419 150	63.1 7.293 155	5.027	72.0 2.346 155	3.079	69.1 6.523 150	55.8 10.525	15.335	41.1	97.0 15.956
12	S. D. TOTAL OBS	41.9	41.9 42.1 17.16915.5631 155 141	51.5 2.740 155	\$2.3 12.170 150	61.6	5.733	2.792	71.3 3.330	68.6 6.541	54.3 10.8691	48.4	41.1	55.9 15.996 1826
15	S. D. TOTAL OBS	41.6 42	42.4	51.8	52.7 11.788 150	7.580	66.8	3.216	71.3	6.620	54.3 10.6901	48.3 15.7161	16.420	55.9 16.050 1826
1 98	S. D. TOTAL OBS	42.2 16.681 155	42.2 43.2 16.68114.2501 155 141	53.4	53.7 10.667 150	62.5 6.936 155	5.623	3.059	3.450	69.2	9.8701	49.9	41.9	57.0 15.306
12	S. D. TOTAL OBS	41.8	41.8 43.6	53.5 11.203 155	9.993	63.1	68.3 5.214 150	71.2 2.238 155	3.175	68.6 6.310	9.8371	4.220	14.515	56.9 15.206 1826
ALL	S. D. TOTAL OBS	41.3 16.777 1240	14.5221	2.055	53.5	7.041	5.504	2.670	3.341	6.50110	10.2521	1200	15.167	15.697

### RELATIVE HUMIDITY

WHITING FIELD, FLORIDA 93841

0

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155		1240
MEAN	HUMIDITY	77.8	19.9	80.9	74.6	58.2	55.1	1.99	70.4		70.9
	%0%	22.6	20.5	27.7	20,02	5,2	5.6	0.6	18,1		41.1 16.5
	80%	51.0	56.8	0.09	45.8	15.5	20.0	32.9	46.5		41.1
ATER THAN	70%	70.3	24.8	19.4	62.6	31.6	29.0	43.2	9.09		56.4
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	81.9	88.4	89.0	77.4	46.5	43.2	0.09	74.8		70.2
OF RELATIVE	50%	92.9	93.5	93.5	87.7	6119	54.2	71.6	89.0		80.5
SE FREQUENCY	40%	94.6	98	7.86	95.5	74.2	66.5	89.0	96.1		4.68
PERCENTA	30%	100.0	100.0	100.0	100.0	90.3	83.2	90.8	100.0		96.3
	20%	100.0 100.0	100.0	100.0 100.0 100.0	100.0 100.0	100.0	96.1	100.0	100.0		99.5
	10%	100.0	100.0	0.001	100.0	100.0 100.0	100.0	100.0 100.0	100.0		100.0
HOURS	(LS.T.)	00	03	90	60	12	15	1.8	77		TOTALS
MANA		JAN									101

a B

### RELATIVE HUMIDITY

93841 WHITING FIELDS FLORIDA STATION MANE

0

0

20

0

4

0

73-77

PERIOD

E STAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

77.7	HOURS			PERCENTAC	SE FREQUENCY	OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
E NOW	(LS.T.)	10%	20%	30%	40%	50%	%09	70%	80%	%	HUMIDITY	0.00
EL.	00	100.0 100	0	100.0	99,3	94.3	83.0	69.5	46.8	18.4	77.4	141
	60	100.0 100	100.0	0.001 0.0	99.3	95.0	88.7	77.3	56.7	72.7	80.3	141
	90	100.0	100.0 100.0	100.0	88.3	97.2	91.5	78.7	1.69	8.42	81.8	141
	60	100.0 100.0	100.0	99.3	92.2	78,7	67.4	51.8	30.5	15.6	69.1	161
	75	100.0	97.9	80.9	62.4	64.7	27.7	50.6	8.5	3.5	\$0.4	141
	15	100.0	96.5	76.6	56.7	43.3	25.5	17.7	6.6	.,	48.3	141
	80	100.0 100	100.0	95.7	83.0	1,99	46.8	34.8	22.7	5.7	910	101
	21	100.0	100.0 100.0 100.0	100.0	97.2	90.1	79.4	26.0	38.3	14.9	73.1	191
TOTALS	9	000		1.96	84.2	76.3	83.8	80.0	34.6	13.3	5.7.8	1128

0

0

0

0

0

0

0

### RELATIVE HUMIDITY

93841 WHITING FIELD, FLORIDA STATION NAME

0 40

73-77

PERIO

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOOF	OBS.	155	155	155	155	153	155	155	155		1240
MEAN	HUMIDITY	61.7	83.7	84.6	71.6	57.6	57.3	68.0	78.2		73.0
	%06	24.5	24.5	32.9	7.1	5,2	1.9	8.4	15,5		15.0
	80%	64.5	70.3	73.5	38.1	17.4	18.1	33.5	62.6		63.5 47.3 15.0 73.0
ATER THAN	20%	78.7	86.5	87.1	61.9	31.6	34.2	53.5	74.2		63.5
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	89.7	8.46	93.5	75.5	45.2	49.5	0.69	63.9		74.8
OF RELATIVE	20%	96.1	98.1	97.4	85.8	58.7	6119	81.9	92.9		84.0
SE FREQUENCY	40%	7.86	100.0	100.0	92,3	76.1	74.8	9.88	98.1		91.1
PERCENTAC	30%	100.0	100.0 100.0	100.0 100.0	4.66	87.1	63.9	97.4	100.0		96.0
	20%	100.0	100.0	100.0	100.0	7.66	98.1	100.0	100.0		99.7
	10%	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0		100.0
HOURS	(1.5.1.)	00	60	90	60	12	13	18	17		ALS
	MONIH	E A									TOTALS

### RELATIVE HUMIDITY

93841 WHITING FIELD, FLORIDA

73-77

34

.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. OF	OBS.	150	150	150	150	150	150	150	150		1200
RELATIVE	HUMIDITY	80.0	83.2	4.4	61.2	48.0	48.6	1.65	73.4		67.3
	%06	19.3	24.7	28.0	6.7	0.4	4.0	7.3	9.3		24.1 12.0
	%08	57.3	65.3	72.7	14.0	7.3	6.7	17.3	0.04		26.1
ATER THAN	20%	7.97	0.98	1.08	34.0	15.3	18.0	30.7	58.7		8
HUMIDITY GREA	%09	0.06	95.3	0.46	44.7	22.7	27.3	42.7	78.7		9
OF RELATIVE !	20%	97.3	97.3	66.66	69.3	611.3	40.7	1.49	92.7		75.
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	40%	6.66	100.0	66.66	87.3	56.0	0.00	80.7	97.3		4
PERCENTAG	30%	100.0	100.0 100.0	100.0	99.3	19.3	78.0	0.46	100.0		
	20%		100.0	1	100.0	0.86	97.3	100.0	0.001 0.001 0.001		00
	10%	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0 100.0	100.0		
HOURS	(L.S.T.)	00	03	90	60	12	15	18	21		ALS
THOM .	MON	APR									TOTALS

0

0

### RELATIVE HUMIDITY

WHITING FIELDS FLORIDA 93841 STATION

0 40

73-77

MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

n Liver	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	T OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	10%	20%	30%	40%	20%	%09	%02	80%	%06	HUMIDITY	OBS.
MAY	00	100.0	100.0 100.0 100.0 100.0	100.0	100.0	98.7	84.2	0.68	61.9	11.6	81.5	155
	03	100.0	100.0 100.0 100.0	100.0	100.0	4.66	8.96	90.3	72.3	18.1	84.1	155
	90	100.0	100.0 100.0 100.0 100.0	100.0	100.0	4.66	7.86	6.06	1.69	24.5	84.4	155
	60	100.0	100.0	100.0	97.6	83.2	54.8	24.5	10.3	3.9	62.2	155
	12	100.0	100.0	91.0	74.8	43.9	23.2	12.9	7.1	2.6	51.4	155
	15	100.0	4.66	90.3	71.0	46.5	21.9	13.5	8.4	2.6	51.1	155
	18	100.0	100.0 100.0	7.86	89.0	76.1	56.1	27.1	14.2	9.5	62.0	155
	21	100.0	100.0 100.0 100.0 100.0	100.0	100.0	98.7	89.0	0.69	37.4	9.4	76.0	155
101	TOTALS	100.0	6.66	99.9 97.5	90.8	80.7	66.8 52.1	52.1	35.2	9.3	69.1	1240

ASTROSA GRAGNATE

0

0

### RELATIVE HUMIDITY

93841 WHITING FIELD, FLORIDA

73-77

PERIO

goil

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	%01	20%	30%	40%	%05	%09	20%	80%	%06	HUMIDITY	OBS.
NO.	00	100.0	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	98.0	68.7	71.3	17,3	83.3	150
	60	100.0	100.0	100.0 100.0 100.0 100.0		100.0	6666	0.46	81.3	7.82	86.4	150
	90	100.0	100.0	100.0 100.0 100.0 100.0		100.0	68.7	6116	81.2	27.5	86.3	149
	60	100.0	100.0 100.0 100.0	100.0	99,3	88.7	58.7	17.3	4.7	1.	62.8	150
	12	100.0 100.0	100.0	7.96	7.87	40.7	16.7	0.9	3.3	1,3	50.2	150
	15	100.0 100.0	100.0	4.7	78.0	53.3	32.0	17.3	6.3	3,3	54.4	150
	18	100.0	100.0 100.0	100.0	94.0	82.0	67.3	34.7	18.7	5.3	65.2	150
	12	100.0	100.0	100.0 100.0 100.0 100.0	100,0	99.3	88.7	75.3	47.3	10.0	78.0	150
TOTALS	ALS	100.0	100.0	98.9	93.8	83.0	6.69	53.2	39.6	11.8	70.8	1199

### RELATIVE HUMIDITY

WHITING FIELD, FLORIDA STATION NAME

93841 STATION

73-77

•

ERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	EATER THAN			MEAN	TOTAL
MONIN	(L.S.T.)	%0t	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	OBS.
JUL	00	100.0	100.0	100.0 100.0	100.0	100.0	100.0	4.66	79.2	18.2	1.68	154
	60	100.0	100.0	0.001 0.001 0.00		100.0	100.0	100.0	6.26	31.6	68.7	155
	90	100.0	100.0	100.0	0.001 0.001 0.001 0.001 0.001	100.0	100.0	100.0	91.0	32.3	89,1	155
	60	100.0	100.0	0.001 0.00	100,0	98.1	72.9	1.72	11.6	2.6	9,99	155
	12	100.0	100.0	0.001 0.00	96.1	54.2	7.72	18.7	9.7	3,9	56.3	155
	15	100.0	100.0	100.0	94.2	64.8	43.2	23.9	14.2	2.6	59.7	155
	16	100.0	100.0	100.0	7.86	91.0	78.1	48.4	20.0	7,7	8.69	155
	2.1	100.0	100.0	100.0 100.0		100.0	100.0	7.78	52.9	11.6	60.7	155
5	TOTALS	9		A 20 00 00 00 00 00 00 00 00 00 00 00 00	50	9	,	6			1	

## RELATIVE HUMIDITY

WHITING FIELD, FLURIDA 93841 STATION

0

0

0

73-77

PERIOD

AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HINOM	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	ATER THAN			MEAN	TOTAL
	(LS.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
AUC	00	100.0	100.0	100.0 100.0 100.0 100,0 100.0	100,0	100.0	4.66	97.4	91.6	45.8	89.9	155
	60	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	7.86	8.96	\$2,9	91.7	155
	90	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	100.0	4.66	95.5	51.0	9164	155
	60	100.0	100.0	100.0 100.0 100.0 100.0	100.0	4.66	6.06	56.1	15.5	4.5	72.3	155
	12	100.0	0.001 0.001 0.001	100.0	97.4	70.8	39.4	18.7	11.6	6,5	\$.00	155
	15	100.0	100.0 100.0 100.0	100.0	94.8	77.4	53.5	32.9	17.4	0.6	4.40	155
	18	100.0	0.001 0.001 0.001	100.0	7.86	95.5	89.7	0.09	34.2	16.1	75.2	155
	12	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	8.96	93.5	72.3	1.62	85.7	155
0	TOTALS	0.001	0.001	0.001	98.9	93.6	4.68	9.64	4.45	26.9	78.9	1240

NAVWEASERVCOM

## RELATIVE HUMIDITY

WHITING FIELD, FLORIDA

93841 STATION

73-77

PER100

SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRE	ATER THAN			MEAN	NO OF
MONTH	(LS.T.)	%01	20%	30%	40%	20%	%09	20%	%08	%06	HUMIDITY	OBS.
SEP	00	100.0	100.0	100.0	100.0 100.0 100.0 100.0	100.0	66.3	0.96	83.3	32,7	87.6	150
	60	100.0	100.0	100.0	100.0 100.0 100.0 100.0 100.0	100.0	100.0	7.86	92.0	43.3	89.7	150
	90	100.0	100.0	100.0	100.0 100.0 100.0 100.0 100.0 100.0	100.0	100.0	98.0	92.0	48.7	90.3	150
	60	100.0	100.0 100.0 100.0 100.0	100.0	100.0	7.86	88.7	62.0	24.7	6.7	74.1	150
	12	100.0	100.0 100.0	6.66	7.96	77.3	48.7	24.0	14.0	8.0	61.8	150
	15	100.0	100.0 100.0	66.66	92.0	74.0	50.7	30.7	20.0	9,3	63.6	150
	18	100.0	100.0 100.0 100.0	100.0	66.3	97.3	83.3	62.7	34.7	8.7	74.5	150
	12	100.0	100.0	100.0	100.0 100.0 100.0 100.0	100.0	98.7	92.0	68.0	19,3	83.6	150
10	TOTALS	100.0	100.0	99.8	98.5	93.4	11	83.7 70.5	53.6	22.3	78.2	1200

ofo

## RELATIVE HUMIDITY

93841 MHITING FIELD, FLURIDA

0

0

0

73-77

PERIOD

TWO!

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	OBS.	155	155	155	155	155	155	155	155	1240
MEAN	HUMIDITY	79.3	82.7	83,4	65,1	49.7	48.5	63.2	74.3	68.3
	%06	16.8	20.02	20.0	5.8	3.9	1.3	5.6	0.6	6.6
	80%	47.1	59.4	66.5	14.8	6.5	4	18.1	34.8	32.0
ATER THAN	70%	78.1	1.78	89.0	34.2	12.3	12.9	7.72	58.7	50.1
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	8.46	98.7	97.4	9.09	20.0	20.6	52.3	85.2	66.2
OF RELATIVE	20%	98.1	100.0	4.66	9008	36.8	36.1	78.7	91.4	78.4
GE FREQUENCY	40%	4.66		100,0	98.1	67.7	9.09	97.4	4.66	90.3
PERCENTA	30%	4.66	100.0 100.0	100.0	100.0	84.5	60.3	4.66	100.0	97.9
	20%	100.0	100.0		100.0 100.0 100.0	4.66	4.66	100.0	100.0 100.0	6.66
	10%	100.0 100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0
HOURS	(LS.T.)	00	60	90	60	12	15	18	21	511
MONTH		100								TOTALS

) **=** 

## RELATIVE HUMIDITY

WHITING FIELD, FLURIDA STATION NAME 93841

Q

0

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSEXVATIONS)

NO VON	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GRE	ATER THAN			MEAN	NOTAL
NOV	(L.S.T.)	%0t	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	OBS.
	00	100.0	100.0	0.001 0.00	99.3	97.3	88.0	76.0	56.7	20.7	80.1	150
	60	100.0	100.0	100.0 100.0	100.0	97.3	40.7	77.3	0.40	26.0	81.8	150
	90	100.0	100.0	100.0 100.0	100.0	6863	0.46	83.3	63.3	24.7	83,1	150
	60	100.0	100.0	86.66	0.46	78.0	0.99	56.7	39.3	12.7	70.6	150
	12	100.0	99.3	84.7	70.0	57.3	39.3	27.3	14.7	2.7	55.4	150
	15	100.0	97.3	82.0	66.7	56.0	40.0	28.0	15,3	3.3	54.4	150
	18	100.0	100.0	66.3	95.3	83.3	0.40	56.7	36.7	6.7	70.3	150
	17	100.0	100.0	100.0	66.3	92.7	85.3	6.69	90.09	16.7	77.2	150
TOTALS	1.5	100.0	99.66	95.7	90.06	82,7	70.9	59.3	42.5	14.2	71.6	1200

## RELATIVE HUMIDITY

93841 WHITING FIELD, FLORIDA

. 0

00

0

0

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOTAL	0885	155	155	155	155	155	155	155	155	1240
MEAN	HUMIDITY	75.9	77.8	79,5	10.9	55.4	53.0	1.99	72.5	0.69
	30%	11.6	14.2	13.5	10,3	2.6	5.6	3.9	10.3	9.6
	80%	40.0	0.64	50,3	32.3	14.8	16.1	28.4	34.8	33.3
ATER THAN	70%	66.5	72.3	78.7	52.9	29.0	25.2	46.5	56.1	53.4
PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	%09	85.2	86.5	95.5	69.7	38.1	39.4	58.1	74.2	68.3
OF RELATIVE	\$0%	95.5	95.5	4.66	86.5	53.5	50.3	19.4	92.3	81.6
GE FREQUENCY	40%	4.66	4.66	4.66	7.86	1.69	63.2	8.96	7.86	90.7
PERCENTA	30%	100.0	100.0	100.0	100.0	7.78	9008	100.0	100.0	96.0
	20%	0.001 0.001 0.001		0.001 0.001	100.0 100.0	99.4	4.76	100.0	100.0 100.0	99.6
	10%	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0
HOURS	(L.S.T.)	00	93	90	60	12	15	20	12	TOTALS
n n	u u	DEC								101

O

## RELATIVE HUMIDITY

WHITING FIELD, FLURIDA 93841 STATION

.0

0

0

0 40

73-77

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20%         30%         40%         50%         60%         70%
99.5 96.3
99.3 94.1
99.7 96.0
99.4 93.8
99.9 97.5
100.0 98.9
100.0 100.0
100.0 100.0
100.0 99.8
99.9 97.9
99.6 95.7
99.6 96.0
99.7 97.2

**1**0

(V4KO)

IR TEMPERATURE	
•	
OF	
E FREQUENCY OF	.57
ERCENTAGE	

WHITING FIELD, FLORIDA

93841 STATION

JAN 197

JANUARY

ALL

116	
72	YEARS
3-0	

ŧ			
l			
1			
۱			
7			
1			
ſ			
1			
t			
ł			
	W)		
	**:		
	4		
,	200		
1	777		
Ł	>		
1			
ſ			
1			
1			
١			
1			
,			
ŧ			
1			

	en ac	
200	4.8.4	
. 3		

N A B		

		۰	•	,
		•	s	í
		ė	×	í
		۱	2	ı
		4	1	1

٠		
		۰
		1
		i
		٩

		CHEN
	WNW	
	wsw	
RECTION	WSS	
-		

% OF TOTAL

TOTAL FREG.

		I
		ĺ
		1
		١
		ı
		ł
		Ī
		į
		1
		ı
		١
		ł
		١
		١
		ł
	z	I
-	7	١
	2	ł
-		١
		i
•	J	ì
	u	ł
-	J	1
	Ľ	١

ESE & SE	55E	\$5W	wsw.	WNW

W W

N N N

NNN W

TEMP. 122+ 117 10 121

112 70 116

111 07 70

101 01 76

92 TO 96 19 07 78 82 TO 86 77 10 81

102 TO 106

2	\$5 W			04
UNECTIO	55.E			0.04
DNIN	ESE & SE			

						1
0.04	20.5	14.9	11.4	0.0	5.9	3.6
0.04	20.00	43.3	23.4	12.2	5.3	1.9
	4.5	13.	17.1	17.1	13.0	1.1

2	2	-	~			
0	20	2	*	7		
04	26	6 3	23.4	12	2	-
	4.5	13.1	17.1	17.1	13.0	
+		. 3	0.4	c	0.	-

2.3

9.8

					1		
1.5	4.0	6.1	13.0	14.1	6.0	1.1	0.6
7.7	2.3	3.3	3.5	\$5.55	13.8	15.9	0.7
	. 3	*			6.3		0

		1	ì		1	100	1
2.3	3.3	6.5	55.4	13.8	15.9	17.0	X
6.3	15.4	55.5	50.5	42.3	39.8	36.0	6.17
99	19	95	15	94	17	36	
0	0	0	0	0	0	2	
62	57	52	12 07 74	42	37	32	1

55.	13.	15.	1	×
50.5	45.3	39.8	36.0	69.6
15	94	17	36	31
12 07 74	42 70 46	37 10 41	32 10 36	27 70 3
47	42	37	32	27

13	-	œ i	2	0	
39.8	36.0	43.9	2.64	0.05	
17	36	31	26	21	
37 10 41	32 10 36	27 70 3		0	
37	32	27	22 70	17	

	-	x	2	0	
	36.0	43.9	2.64	0.05	100.0
4	_	1	-	_	-

. .

7 70 11

-13 70 -9 -18 TO-14

0

-8 70-4

-28 10-24

-33 TO-29 -38 TO -34

-23 70-19

-43 10-39 -48 TO-44 -53 TO-49

2 50

1.6

222.0 6.222 6.223.0 6.223.0 6.625.0 6.

.

1240 100.0

7.9 18.5

2.6

0.0

7.4 12.4

1.3

23.1 10.2

-59 & UMR TOTALS -58 TO -54

NAVWEASERVCOM

Ш	
œ	
$\supset$	
-	
≤	
Œ	
~	
#	
ũ	
F	
~	
<u>.</u>	
⋖	
11	
5	
_	
~	
¥	9
ū	-
SE FREQUENCY OF AIR TEMPERATURE	
ō	
Ш	
œ	
ш	
ш	
Ū	
4	
-	
ERCENTAGE	
Ä	
S	
111	
-	
-	

JAN 1973-DEC 1977

WHITING FIELD, FLORIDA

93841 STATION

FEBRUARY

ALL HOURS (L.S.T.)

	YEARS	OM
QNIN	WIND DIRECTION	

1904   1904						TIND DIRECTION	201101					
7.4 1.9 5.6 35.2 29.6 9.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14	TEMP.	MNN	NNE	ENE	ESE	SSE	SSW	wsw	www	CALM	TOTAL	% OF
7.4 1.9 5.6 35.2 29.6 9.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14		Z	& NE	80 E	& SE	8.5	& 5W	× ×	N N		FREO.	TOTAL
7.4 1.9 5.6 35.2 29.6 9.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14	122+											
7.4 1.9 5.6 57.1 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14	117 10 121											
7.4 1.9	112 70 116											
7.4 1.9 7.5.6 35.2 29.6 9.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14	107 TO 111											
7.4 1.9 5.6 57.1 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14	102 TO 106											
7.4     1.9     5.6     35.2     29.6     9.3     14.3     14.3       3.4     1.3     4.3     1.4.3     14.3     14.3     14.3     14.3       3.4     1.3     4.3     12.3     26.4     11.4     14.3     14.3     4.0       11.7     3.7     5.6     12.3     12.6     12.4     11.4     14.3     14.3       27.4     3.7     5.6     12.3     15.4     1.7     14.3     15.7       27.4     5.6     6.7     6.7     6.7     6.7     6.7     6.7       36.1     8.5     6.0     2.4     1.4     1.4     2.9     49.3     13.0       36.1     3.6     1.4     1.4     2.9     49.3     13.0       37.1     3.6     17.9     14.3     14.3       100.0     1.0     2.9     49.3     14.3       100.0     1.0     2.9     49.3     13.0       100.0     1.0     2.9     49.3     14.3       100.0     1.0     2.9     49.3     14.3       100.0     1.0     2.0     4.0     1.0     14.3       100.0     1.0     2.0     2.0     4.0     14.3	101 07 76											
7.4 1.9 5.6 35.2 29.6 9.3 3.6 5.6 11.9 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3	92 10 96											
7.4 1.9 5.6 35.2 29.6 9.3 5.6 5.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3.6 3	16 01 78											
7.4 1.9 5.6 35.2 29.6 9.3 14.9 14.9 18.6 11.7 3.7 5.6 12.3 12.1 14.9 11.7 3.7 5.6 12.3 12.1 14.9 11.1 14.9 11.0 12.9 12.9 12.9 12.9 12.9 12.9 12.9 12.9	82 70 86											
7.4     1.9     5.6     35.2     29.6     9.3     5.6       3.4     1.3     4.7     40.3     28.2     12.1     11.9     4.0       18.6     2.9     12.3     12.6     9.3     11.1     14.9     15.9       18.6     2.7     5.6     12.3     12.6     9.3     11.1     14.9     15.9       15.9     4.7     13.5     10.0     6.5     8.8     1.6     14.1     18.8       27.4     5.2     6.7     6.7     2.2     4.9     8.1     14.1     18.8       27.4     5.6     6.7     6.7     2.2     4.9     8.1     14.1     18.8       36.1     8.5     6.8     1.6     1.0     2.9     4.9     13.7       100.0     100.0     1.0<	77 10 81					57.1	14.3	14.3	14.3		14	1.2
3.6 1.37 8.7 40.3 28.2 12.1 193 4.0 8.6 2.9 4.3 12.1 26.4 11.4 14.3 1097 9.3 11.7 3.7 5.6 12.3 15.4 9.3 11.1 14.8 16.0 27.4 5.2 6.8 4.3 7 2.2 4.8 1.4 14.1 18.8 35.1 8.5 5.8 4.3 7 2.2 4.8 1.4 1.7 8.5 13.7 27.4 35.1 32.1 32.1 5.8 1.4 1.4 2.9 493 13.0 100.0 2.4 1.4 2.9 493 13.0 2.4 1.4 2.5 1.5 1.4 2.9 493 13.0 2.4 1.4 2.5 1.4 2.9 493 13.0 2.4 1.4 2.5 1.4 2.6 1.4 2.9 14.3 13.0 2.4 1.4 1.4 2.6 1.4 1.4 2.9 14.3 13.0 2.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	72 10 76	7.4			5.6	35.2	29.6	9.3	200	9.6	54	
8.6 2.9 4.3 12.1 26.4 11.4 14.3 1097 9.3  11.7 3.7 5.6 12.3 15.4 9.3 11.1 14.8 16.0  27.4 5.2 6.7 6.7 2.2 4.4 8.1 14.1 18.8  29.1 8.5 6.8 2.4 1.7 8.5 13.7 27.4  32.1 32.1 32.1 5.8 1.4 1.4 2.9 4.9 14.3  100.0 32.1 5.8 1.4 1.4 2.9 4.9 14.3  19.1 6.6 5.8 7.7 14.5 10.2 9.4 10.5 16.6	17 07 79	3.4		.,	8.7	40.3	28.2	12.1	103	0.4	149	
11.7 3.7 5.6 12.3 15.4 9.3 11.1 14.8 16.0  15.9 4.7 13.5 10.0 6.5 6.8 7.6 14.1 18.8  27.4 5.2 6.7 2.2 4.4 8.1 14.1 25.2  29.1 8.5 6.8 4.3 1.4 1.4 2.9 14.3  32.1 32.1 5.8 1.4 1.4 2.9 14.3  100.0 32.1 5.8 1.4 1.4 2.9 14.3  100.0 3.0 1.0 1.4 2.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	62 TO 66	8.6		4.3	12.1	26.4	11.4	14.3	1001	6.6	140	
19.9   4.7   13.5   10.0   6.5   6.6   7.6   14.1   18.8     27.4   5.2   6.7   2.2   4.4   8.1   14.1   25.2     29.1   8.5   6.0   2.4   1.7   7.2   6.0   33.7     36.1   8.4   6.0   2.4   1.4   2.9   4.3   13.0     32.1   32.1   5.8   1.4   1.4   2.9   4.3   13.0     46.9   26.1   5.8   1.4   1.4   2.9   4.3   14.3     19.1   6.4   5.8   7.7   14.5   10.2   9.4   10.5   16.6     19.1   6.4   5.8   7.7   14.5   10.2   9.4   10.9   16.6	57 10 61	11.7		3.6	12.3	15.4	9.3	111.1	14.8	16.0	162	
29.1 8.5 6.7 6.7 2.2 4.4 8.1 14:1 25.2 29.1 8.5 13:7 27.4 25.1 35.1 35.7 27.4 25.1 35.1 35.7 27.4 25.1 35.1 35.1 35.1 35.1 35.1 35.1 35.1 3	52 TO 56	15.9		13.5	10.0		8.8	1.6		18.8	170	
29.1 8.5 6.8 4.3 1.7 8.5 1397 27.4 36.1 8.4 6.0 2.4 1.4 2.9 4.9 13.0 32.1 32.1 32.1 100.0	47 10 51	27.4		6.7	6.7		4.4	8.1		29.52	135	
36.1 8.4 6.0 2.4 1.4 1.4 2.9 4.3 13.0 32.1 32.1 32.1 3.0 14.3 13.0 14.3 13.0 10.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	42 TO 46	29.1		9.8	4.3		1.7	8.5		27.4	111	
100.0 10	37 TO 41	36.1		0.9	2.4			7.2	000	33.7	83	1.0
100.0 1.00.0 10.2 10.2 9.4 10.5 10.0 10.0 10.0 10.0 10.0 10.0 10.0	32 TO 36	6.44		5.8	1.4			6.2	6.9	13.0	69	
100.0 100.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	27 TO 31	32.1						3.6	17:9	14.3	20	2
23 24 25 26 27 28 28 29 29 29 29 29 29 29 29 29 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	22 TO 26	100.0										•
25 26 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	17 10 21											
29 29 29 29 29 29 29 29 29 29 29 29 29 2	12 70 16											
24 -19 -29 -29 -29 -29 -29 -29 -29 -29 -29 -2	7 10 11											
2 4 10.2 9.4 10.5 10.5 10.5 10.5 10.5	2 70 6											
2 4 10.2 4.4 10.5 10.2 9.4 10.5 10.6	-3 TO 1											
2 4 4 5 6 4 5 8 7.7 16.5 10.2 9.4 10.9 16.6	-8 10-4											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5	-13 70 -9											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5	-18 10-14											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5	-23 10-19											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5	-28 TO-24											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5	-33 TO-29											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5	-38 TO-34											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5 16.6	-43 TO-39											
19.1 6.4 5.8 7.7 14.3 10.2 9.4 10.5 16.6	-48 10-44											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5 16.6	-53 10-49											
19.1 6.4 5.8 7.7 14.5 10.2 9.4 10.5 16.6	-58 TO -54											
1901 004 000 1001 1000 1001 1000 1001	-59 & LVR	1							- 1	1		
	TOTALS	19.1		200					- 1			2001

NAVWEASERVCOM

े

VS.

JAN 1973-DEC 1977 WHITING FIELDS FLORIDA

93841 STATION

4

Q

0

0

0

0

ALL

MARCH

					No. Company	10112					
TEMP.	N N N	NN 8	ene ene	65.5 6.56	SSE	\$ 5W	wsw w &	WNW &	CALM	FREG.	% OF TOTAL
122+											
17 10 121											
112 TO 116											
107 TO 111											
102 TO 106											
101 01 76											
92 10 96											
16 01 78											
82 70 86						20.0	30.0	10.0	10.0	10	
18 01 77	8.6				58.6	22.4	3.4	966	3.4	28	4.7
72 10 76	1.9	1.2	6.1	6.3	20.6	20.5	3.7	6:3	0.	791	13.1
17 07 79	5.7	9.	3.7	13.9	40.2	11.0	8.6	100	4.5	642	19.1
62 TO 66	8.2	0.0	1.4	21.0	27.2	0.	3.4	304	-	152	20.1
19 01 78	17.6	12.0	12.6	19.8	13.2	9.0	3.0	201	8.4	101	13.5
52 70 56	23.8	10.0	15.9	13.2	5.5	1.3	5.3	8 6 3	17.9	131	15.2
10 10 51	31.8	12.5	14.8	3.4	1.1		1:1	106	1 9 9 2	88	1:1
2 20 20	39.7	12.1	5.2				2.6	6.0	31.0	96	4.1
37 TO 41	27.3	27.3	12.1	3.0			3.0	3.0	2002	33	2.7
32 70 36	33.3	1991	6.9						41.	21	1.0
27 10 31											
22 TO 26											
17 10 21											
12 TO 16											
7 10 11											
2 10 6											
-3 70 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 10-19											
-28 10-24											
-33 TO-29											
-38 10-34											
-43 70-39											
-48 TO-44											
-53 TO -49											
-58 10 -54											
-59 & LWR											
TOTALS	13.9	1.1	0.	6.21	1.62	10.	2.6	666	111.3		1540 100.0

0

0

		0
		0.0
		6.3

3

WHITING FIELD, FLURIDA

93841

0

0

0

0

WIND DIRECTION

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

JAN 1973-DEC 1977

ALL

APRIL MONTH

TEMP.	NN W	N N N	ENE B E	656 & 5E	55E	\$5 W	wsw w w	WNW WN &	CALM	TOTAL FREG.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 701											
102 70 106											
97 TO 101											
92 10 96											
87 TO 91				28.6	14.3	45.9	14.3			-	9.
82 TO 86	4.4	6.7	4.4	8.9	6.84	13.3	8.9	4.4		64	3.8
77 10 81	0.4	4.6	4.6	15.9	39.7	18.5	0.9	2.0		151	12.6
72 10 76	7.4	3.9	3.9	14.2	44.1	14.7	3.9	4.9	2.9	507	17.0
17 07 79	12.4	*	3.3	11.0	27.6	10.2	2.5	10,		210	17.5
62 TO 66	15.9	6.3	6.3	14.0	9.2	5.8	6.3	10.6		207	17.3
19 01 75	22.4	9.6	10.3	3.4	1.1	1:1	4.5	10.9		174	14.5
52 70 56	29.62	6.3	12.0	4.6	6.	6.	9.6	**		108	0.6
12 07 74	29.4	7.4	4.4	1.5			5.9	1467		99	5.7
42 70 46	33.3	11.1					1111	1001	27.8	97	1.5
37 TO 41	28.6	14.3					14.3	14.3	28.6		9.
32 10 36									100.0	-	1.
27 10 31											
22 10 26											
17 10 21											
12 TO 16											
7 70 11											
2 70 6											
-3 10 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 10-19											
-28 TO-24											
-33 10-29											
-38 10-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR									- 1		
TOTALS	15.1	0.0	0.0	10.0	1117		3.4	0	* 007	3041	10001 10001

ш	
Œ	
$\neg$	
$\equiv$	
_	
⋖	
œ	
III	
~	
щ	
2	
Ш	
_	
œ	
=	
4	
L	
0	
_	
-	
is	
ပ်	
S	3/
ENC	3/
DENC	3/
DENC	3/1
EQUENC	3/1
EQUENC	3/1
REQUENC	3/
FREQUENCY	3/1
FREQUENCY	3/1
E FREQUENCY	3/
GE FREQUENCY	3/1
AGE FREQUENCY	3/
<b>FAGE FREQUENC</b>	3/
ITAGE FREQUENCY	3/1
NTAGE FREQUENCY	3/1
ENTAGE FREQUENCY	3/1
CENTAGE FREQUENCY	3/1
ACENTAGE FREQUENCY	3/1
ERCENTAGE FREQUENCY	3/1
ERCENTAGE FREQUENCY	3/1
PERCENTAGE FREQUENCY OF AIR TEMPERATURE	3/1

WIND DIRECTION JAN 1973-DEC 1977

WHITING FIELDS FLORIDA STATION NAME

93841 STATION

MAM

ALL

TEMP.	3 Z 2	NNE NE	2 4 2 4	ESE & SE	SSE & S	\$ 5W	wsw 8	3 N N N	CALM	TOTAL FREG.	% OF TOTAL
122+						T					
117 10 121											
112 TO 116											
107 70111											
102 10 106											
101 07 76	100.0									-	
92 10 96	13.3				0.04	6.7	20.0	6.4	13.3	15	1.
16 01 78	1001	3.8	6.3	2.5	31.6	16.5	12.7	6 0	1001	61	9
82 70 86	11.5	2.4	5.1	1.9	32.7	18.2	6.	6 0	4.6	165	1.3.
18 07 77	12.0	1.6	0.4	6.7	27.1	54.9	9.	*	3.8	522	9
72 10 76	8.4	4.2	6.9	5.0	21.3	15.5	11.4	214	1.02	662	19.
17 07 79	10.8	2.6	9.6	0.0	8.1	6.6	3.6	***	35.2	562	23.
42 70 64	54.4	8.5	10.4	1.9	1.8	3.0	5.5	6 0 3	36.0	164	13.
19 01 25	25.0	1.6	2.3	2.3			1.6	203	20.0	**	9
52 TO 56	23.1	15.4	1.1				1.5		7.94	6.	-
15 01 74											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 10 11											
2 70 6											
-3 TO 1											
-8 10-4											
-13 70 -9											
-18 10-14											
-23 TO-19											
-28 10-24				*							
-33 TO-29											
-38 10-34											
-43 TO-39											
-48 TO-44											
-53 TO-49										-	
-58 TO-54										-	
-59 & LWR			-								
TOTALS	13.1	0.0	0.7	6.9	18.1	13.	0.6	664	0.13	1240 100.	100

1

M	
E.	
ピ	
4	
œ	
M	
E FREQUENCY OF AIR TEMPERATURE	
ī	
F	
r	
=	
•	
II.	
0	
>	
ပ	
Z	2
5	
õ	
Ш	
œ	
u.	
M	
Q	
ITAGE	
z	
ERCEN	
0	
H	
3	
-	

WIND DIRECTION

93841 STATION

0

4	١	Sac
	1	O
5	1	
-	ı	

りどして	FIEL	WHITING FIELD, FLORIDA	KIDA		7	JAN 1973-DEC 1977	3-DEC	1161			200	
		STATION NAME	NAME				YEARS			HTNOM	,	ноп
					WIND DIRECTION	ECTION						
TEMP.	WNN A	N N N	ENE ENE	ESE & SE	SSE	\$5 w	wsw 8 w	WNW W	CALM	TOTAL FREG.	% OF TOTAL	
122+												
17 10 121												
112 TO 116												
											The second second	

					HIND DIRECTION	1017					
TEMP.	N Z	N N	a so	ESE & SE	SSE SS	SSW SW	wsw w	> × ×	CALM	TOTAL FREG.	% OF TOTAL
122+											
17 10 121											
112 TO 116											
107 TO 111											
102 TO 106											
101 07 76											
92 10 96	21.7	4.3	4.3	2.9	17.4	13.0	20.3	1,2	8.7	69	5.8
87 TO 91	13.5	4.1	8.8		21.8	20.0	13.5	6 6 9	7.1	170	14.2
82 TO 86	16.1	6.7	5.4		22.3	16.1	12.5	0 6	8.0	427	18.7
18 07 77	10.0	8.9	5.4		16.3	13.1	13.1	2 . 3	57.6	122	18.4
72 TO 76	13.7	0.7	11.5		4.1	5.1	10.5	202	40.1	916	20.2
17 07 79	27.4	1.1	13.1		3.6	3.6	1.1	10,	9.62	168	14.0
62 TO 66	38.7	12.9	6.3	6.5	3.2		3.2	1601	12.9	16	9.2
19 01 75	100.0									-	1.
52 TO 56											
12 07 74											
42 TO 46											
37 TO 41											
32 10 36											
27 TO 31											
22 TO 26											
17 10 21											
12 70 16											
7 10 11											
2 70 6											
-3 70 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 10-19											
-28 70-24											
-33 TO-29											
-38 10-34											
-43 TO -39											
-48 10-44											
-53 TO-49											
-58 TO-54											
-59 & LWR		-							*	*61	
TOTALS	19.3	0.0	0 0	100	16.7	100	0.11	2			2001 041

•

E FREQUENCY OF AIR TEMPERATURE	
F	
OF	
FREQUENCY	37
Ш	
DY.	
SENTAG	
PERCENTAGE	
PERCENTAG	

WIND DIRECTION JAN 1973-DEC 1977 WHITING FIELD, FLORIDA

STATION

ALL

					WIND DINECTION	101					
TEMP.	NNN	NNE NE	ENE ENE	ESE Se SE	SSE S S	\$5 W	wsw w &	N N N	CALM	TOTAL FREG.	% OF TOTAL
122+											
17 10 121											
112 TO 116											
111 07 701											
02 TO 106											1
101 01 76	16.7	16.7				16.7	16.7	16.7	16.7	9	•••
92 10 96	23.9	10.6	3.3	6.	6.4	8.0	15.0	1999	10.6	113	9.
16 01 78	14.8	5.9	1.1	8.9	10.0	15.4	11.8	Sia	13.0	169	13.6
82 TO 86	11.7		1.3	3.9	18.5	19.5	12.7	100	1001	502	16.3
18 01 77	8.5		4.5	1.1	8.9	11.3	15.8	210	37.8	162	23.5
72 10 76	6.6		3.9	5.3	4.5	5.3	12.5	4.0	45.5	393	31.7
17 07 78	8.1	16.1	6.5	6.9	3.2	1.0	12.9	8.8	6.04	79	2.0
62 TO 66											
19 01 6											
52 TO 56											
12 01 74											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 10 26											
17 10 21											
12 TO 16											
7 10 11											
10 6											
-3 TO 1											
-8 10-4											
-13 10 -9											
41-01 81-											
-23 10-19											
-28 10-24											
-33 10-29											
-38 10-34											
-43 TO-39											
-48 10-44											
-53 10-49											
-58 10-54											
-59 & LWR											
TOTALS	11.6	1.0	0.0	0.	0	10.01	79.0	0	22.5	1637	1637 10000

NAVWEASERVCOM

M	
₩.	
_	
$\rightarrow$	
-	
_	
-	
•	
n	
-	
ш	
~	
u.	
-	
~	
In	
-	
-	
~	
u.	
-	
-	
-	
u_	
=	
O	
-	
-	
O	
ž	,
Š	
ENC	
JENC	
UENC	
DENC	
GUENC	
EQUENC	
EQUENC	
REQUENC	
REQUENC	
FREQUENC	
FREQUENC	
FREQUENC	
E FREQUENC	
GE FREQUENC	
GE FREQUENC	
AGE FREQUENC	
LAGE FREQUENC	
TAGE FREQUENC	"
NTAGE FREQUENC	***
INTAGE FREQUENC	
ENTAGE FREQUENC	
SENTAGE FREQUENC	•
CENTAGE FREQUENC	•
SCENTAGE FREQUENC	
RCENTAGE FREQUENC	4
ERCENTAGE FREQUENC	4
PERCENTAGE FREQUENCY OF AIR TEMPERATURE	

JAN 1973-DEC 1977

WHITING FIELD, FLORIDA

93841 STATION

ALL

AUGUST

IND DIRECTION
ND DIREC

1787   1787   1887	-	-	-	-	-	-	-	-				
29.2 3.6 3.9 5.6 16.1 12.5 7.1 14.3 8.9 96 4 6.5 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	TEMP.	NN N	NNE N NE	8 40 9 6	8. SE	55E	\$5W	wsw 8 w	WNW &	CALM	TOTAL FREG.	% OF TOTAL
23.2 3.6 8.9 5.4 16.1 12.5 7.1 14.3 8.9 5.6 15.1 13.0 23.2 3.6 8.5 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	122+											
23.2 3.6 3.9 5.4 16.1 12.5 7.1 14.3 8.9 5.6 1 12.5 1.1 14.3 8.9 5.6 1 12.5 1.1 14.3 8.9 5.6 1 12.5 1.1 14.3 8.9 5.6 1 12.5 1.1 12	17.10171											
23.2 3.6 3.9 5.4 16.1 12.5 7.1 14.3 8.9 15.2 14.0 12.3 15.2 14.0 12.3 15.0 1	112 70 116											
29.2 3.6 3.9 5.4 16.1 12.5 7.1 14.3 8.9 56 4 16.1 12.5 7.1 14.3 8.9 56 4 16.1 12.5 7.1 14.3 8.9 56 4 16.1 12.5 7.1 14.3 8.9 56 4 16.1 12.5 7.1 14.3 8.9 56 4 17.1 11.2 11.2 11.2 11.2 11.2 11.2 11.2	111 01 701											
29.2 3.6 6.9 5.4 16.1 12.5 7.1 14.9 8.9 56 4 15.2 13.2 14.0 10.2 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0	102 TO 106											
23.2 3.6 3.9 5.4 16.1 12.5 7.1 14.9 8.9 5.0 1 15.2 14.0 1 15.3 11.0 11.0 1 15.3 11.0 1 15.3 11.0 1 15.3 11.0 1 15.3 11.0 1 15.3 11.0 11.0 1 15.3 11.0 1 15.3 11.0 1 15.3 11.0 1 15.3 11.0 1 15.3 11.0	101 01 76											
19.2 14.0 12.3 8.2 23.4 5.8 8.2 766 5.3 171 13  9.6 6.5 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	92 10 96	23.2	3.6	3.9	3.4	16.1	12.5	7.1	14.3	8.9	26	
9.8 6.5 13.0 13.0 10.4 9.6 8.8 4.4 31.3 249 2.1 11.0 2.1 10.4 9.6 8.8 4.4 31.3 2.4 31.3 2.4 3.2 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0	16 01 78	15.2	14.0	12.3	8.2	23.4	5.8	8.2	7.6	5.3	171	
10.4 6.6 11.2 6.8 10.4 9.0 8.8 4;4 31.3 249 2.6 13.0 13.3 14.6 5.2 3.5 3.0 3.3 2.6 40.6 961 35 2.6 40.0 2.4 1.2 39.8 3 3 3 2.6 40.0 2.4 1.2 2 39.8 3 3 3 2.6 40.0 2.4 1.2 2 39.8 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	82 TO 86	6.0	6.5	13.0	13.0	16.7	14.0	10.2	201	11.6	512	
19.0 11.3 17.6 5.2 3.5 3.0 3.3 2.6 40.6 40.1 3 1 25.3 18.1 7.2 6.0 2.4 1.2 39.8 63 6 1 80.0 20.0	18 07 77	10.4	9.9	11.2	6.8	10.4	9.6	8.8	*	31.3	692	
80.0 2.4 1.2 39.8 84  80.0 2.0 0 2.4 1.2 39.8 84  11.0 2.0 0 2.4 1.2 39.8 84  12.0 0 2.4 1.2 39.8 84  13.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	72 TO 76	13.0	11.3	17.6	5.5	3.5	3.0	3.3	9 . 2	40.6	194	
8 80.0 20.0 3	17 07 78	25.3	18.1	7.2	0.9	2.4		1.2		39.8	83	
2.5 2.2 2.3 3.4 4.5 4.5 5.6 5.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6	62 TO 66	80.0	20.0								5	4.
2.5 2.2 2.3 2.4 3.4 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4.6 4	19 01 75											
2.29 2.29 2.20 2.20 2.20 2.20 2.20 2.20	52 TO 56											
25 29 29 29 29 29 29 29 29 29	12 07 74											
24 29 29 29 29 29 29 29 29	42 TO 46											
24 29 29 29 29 29 29 29 29	37 TO 41											
11	32 10 36											
15 15 16 18 19 19 19 19 19 19 19 19 19 19 19 19 19	27 TO 31											
114 118 129 23 24 29 29 29 29 29 29 29 29	22 10 26											
114 115 123 23 23 24 24 25 24	17 10 21											
1-4-9 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	12 TO 16											
23 23 24 44 44	7 10 11											
	2 10 6											
	-3 70 1											
	-8 10-4											
	-13 TO -9											
	-18 TO-14											
	-23 TO-19											
	-28 10-24								The second secon			
	-33 TO-29											
	-38 10-34											
	-43 10-39											
	-48 TO-44											
2. 7. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	-53 TO-49											
13 2 17.1 12 K 7.3 15 K 6 K 3 6.6 27.2	-58 TO-54											
	-59 & LV/R							-				

FREQUENCY OF AIR TEMPERATURE	
₹	
OF	
FREQUENCY	VS.
ERCENTAGE	
H	

WHITING FIELD, FLORIDA

93841

Q

JAN 1973-DEC 1977

SEPTEMBER

ALL

WIND DIRECTION

\$ x x x 8 8 8 8 8

SSW 8 SW

SSE SS

N 8

NNE NE

NN N

TEMP. 122+ 112 TO 116

111 07 70111 102 TO 106 101 07 76 95 10 96 16 07 78 82 10 86 77 10 81 72 10 76 17 07 78 62 TO 66

0

17 10 121

FREG.

CALM

HOURS (1.5.T.)

% OF TOTAL

al	5/1	SWRIT	diA

WELLIR.	·sA	TEMP.	AIA	EREO.
o to a Property de				-

an	3.1	dia	03	9	γ,

00	8	-	1.3	-	-	2	0
							1
	0	-	-	100	N	1	۰
			-	-	1 -	1	1

130	21.3	33.3	12.3	5.5
	33	00	9 8	99

17.3 27.0 27.0 15.5

11.00

1.5

119.0

30.0

20.02

16.5

0

59.1 60.9 45.5

19 01 75 52 70 56 47 70 51 42 10 46 37 TO 41 32 10 36 27 70 31



































33.3

53.3















1200 100.0

5.61 30.5

1.4

3.5

1.3

5.1

19.0

11.8

5002

-38 10-34

-43 10 - 39

-48 TO -- 44 -53 TO -49 -58 TO-54 TOTALS

-13 10 -9 -18 TO-14

0

-3 10 1 -8 10-4

2 70 6

22 10 26

17 10 21 12 70 16 7 70 11 -23 10-19 -28 10-24 -33 10-29 NAVWEASERVCOM

III	
~	
=	
⋖	
œ	
Ш	
1	
₹	
īīī	
=	
_	
œ	
A R	
⋖	
=	
U	
>	
11	
ĭ	Y
ž	>
JENC	2
DENC	27
SOUENC	27
SEQUENC	3/
REQUENC	3/
FREQUENCY OF AIR TEMPERATURE	3/
E FREQUENC	7.0
SE FREQUENC	3/
GE FREQUENC	3/
LAGE FREQUENO	3/
TAGE FREQUENO	3/
TAGE	3/
ERCENTAGE FREQUENC	3/1
TAGE	3/
TAGE	3/

WHITING FIELD, FLORIDA

TOBER

-	,	۱	
C	)	1	
		١	
		۱	
		I	
		۱	

161	

	1
	ı
	ı
	1
_	ı
_	ı
-	1
0	ı
1977	1
	1

	1
	•
	ı
	1
	1
	1
	1
1977	1
_	1
0	1
-	١.
	1 00

-	
Ē	
DEC 1977	0
U	a v J
w	)
0	

-	
-	
•	
•	1
•	
	S
	Œ
3	W
	,
,	
4	
-	

ın		
s		
RS		
RES		
ARS		
FARS		
EARS		
YEARS		

2
2
20
20
20
200
NOIL
NOIL
NOIL
NOIL
NOILUM
NOILUM
NOILUM
MOLLONG
NOILUM
NOILUM
NOITCHOLD
NOITCHOL
NOITURA
NOIT LIBERT C
NOILUM
NOIL DEGLE
NO LUBERTION
NOIT CHOIC CN
NOT LUBOR CALL
NOITCHOLD CAIN

7:1 7.1 14 6:4 2.8 72 6:4 9.4 127 6:4 14.0 200 7:0 19.3 228 6:4 2.0 19.3 228 6:4 14.0 200 6:4 14.0 200 6:5 1.6 100 6:5 1.6 100	20.8 14.6 14.6 14.6 22.5 24.3 34.4 33.3	2. 8.2 2. 8.2 2. 9.4 2. 19.5 2. 2. 2.3 2. 4.3 2. 4.3 2. 4.3 2. 4.3 2. 4.3 3. 4.3 3. 4.3 3. 5.4 3.	20.8 20.8 14.6 14.6 19.3 23.3 23.3 33.3
1.6	1. 4 4 6 4 6 4 6 6 6 6 6 6 6 6 6 6 6 6 6	- 0 4 - 4 0 N - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1. 4 4 0 2 1 5 6 6 6 7 4
0 4 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 7 4 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0	200000000000000000000000000000000000000	200 4 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.5.2.2 2.5.2.2.2 2.5.2.2 2.5.2.2 2.5.2.2 2.5.2.2 2.5.2.2 2.5.2.2 2.5.2.2 2.5.
5.7 7.0 19.3 4.2 4.2 24.3 2.6 3.1 25.6 2.9 2.9 21.4 4.3 37.1 9.1 35.4 35.3	2,0 19,3 4,2 4,2 24,3 2,6 3,1 25,6 2,9 2,9 21,4 4,3 37,1 9,1 36,4 1,0 35,3 1,0 35,4	2.0 19.3 4.2 4.2 24.3 2.6 3.1 25.6 2.9 2.9 21.4 4.3 37.1 9.1 35.3 35.3	5.7 7;0 19.3 4.2 4;2 24.3 2.6 3;1 25.6 2.9 2;9 21.4 4;3 37.1 9;1 35.4 33.3
2.6 3.1 25.6 2.9 21.4 4.3 37.1 9.1 35.3 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37	2.6 3.1 25.6 2.9 21.4 4.3 37.1 9.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 35.3 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37	2.6 3.1 25.6 2.9 21.4 4.3 37.1 9.1 35.4 37.1 35.4 37.1 35.4 37.1 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4	2.6 3.1 25.6 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9 4 5 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
991 3994 3993	991 3994 3999	991 3994	991 3994 3393
335.3	335.3	33.3	335.3

LURE	
PERA	
RTEM	
PERCENTAGE FREQUENCY OF AIR TEMPERATURE	
UENCY	2/
FREQ	
VTAGE	
-	
ERCE	

WHITING FIELD, FLORIDA

93841 STATION

53441

JAN 1973-DEC 1977

HOURS ( L.S.T.

ALL

NOVEMBER

MONTH

1		
1		
1	10	
1	YEARS	
-		
1		

					WIND DIRECTION	CTION					
TEMP.	≥ Z × ×	S NE	ENE S E	ESE & SE	SSE & S	SSW & SW	wsw w %	WN W	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
101 01 76											
92 10 96											
16 01 78											
82 TO 86		16.7		16.7	50.0				16.7	9	
18 01 77		1.1	1.1	6.5	0.69	5.0	5.4	707		24	
72 10 76	4.7	1.9	3.4	24.3	37.4	8.4	2.8	9.0	3.7	101	8.9
17 07 79	6.7	6.7	14.9	23.1	14.4	1.1	5.5	6.7	11.8	195	-
62 TO 66	9.0	8.2	14.9	16.0	9.8	1.4	2.6	205	50.4	194	
57 TO 61	21.3	8.9	16.6	7.7	5.4	4.1	3.6	5.6	9.62	691	
52 70 56	26.1	17.4	10.9	5.1	5.9		6.2	7.2	27.5	138	
47 TO 51	36.9	16.2	8.5	3.8		1.5	1.5	2.0	25.4	130	10.8
42 TO 46	50.5	10.5	4.2				1:1	40.	6.97	66	1.9
37 TO 41	45.5	19.2	1.4	2.7			1.4	297	30.1	13	1.0
32 TO 36	38.6	9.1		2.3			6.3	8 0	40.0	24	3.7
27 TO 31	0.09								40.0	•	*.
22 TO 26	100.0									7	7.
17 10 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 TO-24											
-33 10-29											
-38 TO-34											
-43 TO-39											
-48 TO-44											
-53 TO-49											
-58 TO-54											
-59 & LWR				10							
TOTALS	21.5	10.3	10.8	11.3	0.01	2.0	0.6	*	9.77	1600	1500 100.0

## PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION

WHITING FIELDS FLORIDA

93841 STATION

DECEMBER

ALL

116	
1 3 3	VEABS
73-DEC	
197	
JAN	

TEMP.	NN N	NN N	S ENE	ESE & SE	SSE	SSW & SW	%	3 3 X X X	CALM	TOTAL FREQ.	% OF TOTAL
122+											
1010121											
1710171		1	1		1						
112 TO 116											
111 01 701											
102 TO 106											
101 01 76											
92 10 96											
16 01 78											
82 TO 86											
18 01 77							100.0			•	.2
72 TO 76			2.4	14.3	45.9	19.0	14.3		7:7	24	3.4
17 07 79	3.1	1.0	1.0	4.6	43.8	21.9	8.3	301		96	1.1
62 TO 66	4.5	1.9	1.9	24.8	23.6	17.2	4.6	96	10.8	157	12.7
19 01 75	16.8	3.1	13.7	18.6	11.2	3.1	6.2	7115		191	13.0
52 10 56	24.2	6.1	16.4	13.9	4.8	4.5		11.5		163	13.3
47 TO 51	24.4	1001	13.7	10.7	1.2	0.		6 . 8		166	13.5
42 TO 46	30.8	20	8 3	en:	9.	1.3		761		150	12.6
37 TO 41	32.8	6.9	3.1	2.3				18.3	30.5	131	10.6
32 10 36	27.8	10.3	4.1	2.1			3.1	1304	39.5	16	7.8
27 TO 31	28.6	12.5					3.6	1001	37.5	96	4.5
22 70 26	45.9								57.1	<b> </b>	9.
17 10 21	100.0									7	•
12 70 16											
7 10 11											
2 70 6											
-3 TO 1											
-8 10-4											
-13 TO -9											
-18 TO-14											
-23 TO-19											
-28 10-24											
-33 10-29											
-38 TO -34											
-43 TO -39											
-48 10 -44											
-53 TO -49											
-58 10-54											
-59 & LWR											
TOTALS	20.0	0.0	3	11.0	10.2	0.0	0.1	2113	0.02		1260 100.0

111	
~	
5	
-	
4	
Œ	
2	
2	
Ш	
-	
œ	
3	
7	
~	
×	110
W	
E FREQUENCY OF AIR TEMPERATURE	
Ö	
2	
L	
bl	
5	
V	
F	
Z	
ERCENTAGE	
œ	
lil	
-	
۵	

VS. WIND DIRECTION

JAN 1973-DEC 1977

WHITING FIELD, FLORIDA

93841

ALL

0. / 6.91
14.3
16.3
14.3
7.2
3
20 00 00

#### PART F

## PRESSURE SUMMARY

for all hours combined. All years of data available are combined in both of these tables, although the overall Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding period is limited to January 1946 through December 1963 because of changes in reporting practices before and to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page after those dates.

- 1. Station pressure in inches of mercury.
- . Sea-level pressure in millibars.

altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure Meteorological Tables.

		_	+	-		_	-	_		
		man hamman hamman da man da man da man da man da man da	<u>սիսանում արտեսանում արևանում ա</u>	31 (IN.HC)		1050 (48)	նահարհանանամամարակարևանանանական որուսարություն ակարիայիայիայացում ամասիայանակարկարկարկարիայիանակարկարկարկարիա <u>յ</u>	ուսակուտիուսի արևարկան իրական հայարական հայարական հայարական հայարական հայարական հայարական հայարական հայարական հ		
	-	4	E	3		020	4	E	-	
		4	E			_	4	F		
		7	E				4	F		
		4	E	30			4	E		
	0	古	E	~			4	E	0	
1		3	E			00	4	F		FT
L		3	E				4	E		L
(1 0 0 0 'S FT)	_	4	F	53			4	E	_	
S		1	F				4	E		S
0		4	F		ш		4	E		0
0		=	E	. 82	œ	950	4	F		0
0	~	극	E		>		4	F	~	0
=		=	F		PRESSURE		4	F		=
		目	E	9	S		4	F		
ш	2	크	F	2.	W		=	E	·m	W
0		4	E		œ	8	4	E		٥
0		4	E		•	٠.	4	E		>
٢		=	F	56			4	E		-
ALTITUDE	*	目	E		ပ		4	F	•	ALTITUDE (1000'S
-		3	E		_		1	E		_
٦		3	E	S	œ	850	4	E		_
4	S	긤	E	~	٢	-	1	E	S	•
		4	E		BAROMETRIC		4	E		
		=	E		Σ		7	E		
ш	9	킠	F	2	0		1	F	9	
SURE		3	E		~	00	7	E		SURE
)		4	E		~		4	E		_
S	-	긬	E	23			1	E	~	S
S		3	E				4	E		S
PRES		1	E				1	Ē		PRES
œ	•	킠	E	~		2	4	E	•	œ
•		4	E	~			4	Ē		٩
		=	E				4	E		
	0	1	F				1	E	0	
		1	F	2			1	E		
	9	4	E	3		200	1	E	2	
		manhamhamham	E	20 (IN. NG.) 21			1	E		
		1	E	20 (		(M)	The same	E		
	=		C			=	E	L	=	

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY DESERVATIONS

1+904		1 527 - 1 1 1	10731	3	1		-							
STATION	-		18	STATION NAME						YEARS			l	
HRS.(L.S.T.)	-	JAN.	FEB.	MAR.	APR.	MAY	, NOV	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNOAL
	MEAN	29.94329.91729	716.62	.842	78	782	814	4	9.85	9.813	0	29.930	92	-
00	S. D.	.162	.166	.144	148	.116	.079	.074	.065	.087	4121	.140	.172	.137
	TOTAL OBS	155		15	12	2	2	15	15	2	15	15	2	85
	MEAN	30 03	500	-	2 2 0	746	0 700	SCR 9	0	9.798	8 8 3	29.918	6	
		67.75567.70367	504.47	070	1.00.1	201.		7000	7.03	2000			1	
03	S. D.	•	:		.150	.120	.079	.072	.00		*17*		172	0 1
	TOTAL OBS	155	141	15	2	5	5	5	5	12	2	15	-	
	MEAN	29.96429.92429	9.924	847	92	66	831	86	9.86	9.821	-	29.940	N	8
90	S. D.	2	172	143	187	.121	079	0.76	.067	.102	.12	.147	.17	14
3	TOTAL OBS	155				155	150		155		155		155	1825
												-		
	MEAN	29.99129.96429	59.964	. 883	29.920	820	29.848	29.8822	6.863	29.847	64.42	27.975	29.908	29.911
60	S. D.	.170	.175	.14	10	2	90	-	0	60	. 12	. 15		=
	TOTAL OBS			15	5	15	15	3	3	20	15	13	-	8
	MEAN	29.954	.95429.93629	.864	668	797	828	86	9.871	824	06	29.93	9.92	
12	S. D.	.168	.168	.140	.157	.121	080	.074	.068	.085	.127	.147	.174	*1.
	TOTAL OBS	155	141	15	15	15	15	15	13	2	2	15	23	
	MEAN	29.90909.87829	9.878	60	853	754	788	œ	9.82	9.778	29.858	29.892	8	-
15	S. D.	.166	.163	137	.152	.117	079	.075	.067	.084	.120	.140	.16	-
	TOTAL OBS	155	141	15	15	15	15	15	15	-	13	15	-	
	MEAN	29.930	29.892	60	852	753	788	83	9.828	86	87	9.911	06	5
10	S. D.	.164 .162	.162	140	.148	.114	.081	.074	.066	.084	.11	9 .141		.13
	TOTAL OBS		141	15	15	15	2	15	15	2	2	15	2	-
	MEAN	29.95229.92329	29.923	.843	80	83	22	100	9.864	22	29.906	935	60	87
21	S. D.	.167	.163	-	.147			0	990.	.085	-	•	.166	.13
	TOTAL OBS	155	141	15	5	5	15	5	2	15	2	15	-	
114	MEAN	29.94529.91729	29.917	.841	80	29.782	29.815	3	9.855	11	68.62	929	26.62	87
HOURS	S. D.	.167	.169		.154	.120		.078	.070	160.	.12	•	.172	141.
	TOTAL OBS		- 1	124	20	124	120	23	24	20	124	120	124	9

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM MOURLY OBSERVATIONS

מני ביינו בי	73-77
-	
COL N	
THE STATE OF	
מש המאנה	HITING FIELD, FLURIDA
	FLURIDA
	FIELD,
	WHITING FIELD, FLURIDA

93841

0

0

0

FEB. MAR. APR. MAY JUN. JUL. AUG. S.  31019.51016.81018.01014.81015.81016.91017.2101  55 141 155 150 155.81016.91016.91017.2101  10 5.741 4.907 4.992 3.929 2.709 2.474 2.169 2.169 2.101  10 5.741 4.907 4.992 3.929 2.709 2.474 2.169 2.169 2.169 2.169 2.160 1.101  10 5.741 4.970 5.141 4.067 2.649 2.430 2.184 3.155 141 155 150 150	f													
155 81018.01014.81015.81016.91 155 150 155 150 2.474 116.11017.41014.21015.31016.31 155 150 155 150 155 150 155 150 155 150 155 117.11018.51015.41016.41017.31 155 150 155 150 155 150 150 155 150 155 150 150 155 150 155 150 150 155 150 155 150 150 155 150 155 150 150 150 155 150 150 150 150 150 155 150 150 150 150 155 150 150 150 150 150 155 150 150 150 150 150 155 150 150 150 150 155 150 150 150 150 150 150 155 150 150 150 150 155 150 150 150 155 150 150 150 150 150 155 150 150 150 150 155 150 150 150 150 155 150 150 155 150 150 150 155 150 150 150 155 150 150 150 150 155 150		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
116.11017.41014.21015.31016.31 155 150 155 150 155 17.11018.51015.41016.41017.31 1925 5.295 4.098 2.681 2.549 185 150 155 150 155 17.51018.71015.21016.21017.31 155 150 155 150 155 157 5.314 4.110 2.676 2.513 157 5.314 4.110 2.676 2.513 157 5.314 4.110 2.676 2.513 158 150 150 155 150 155 159 150 150 155 150 150 155 150 155 151 152 150 155 152 150 155 150 155 153 150 155 150 155 16.91018.31014.81016.11017.01 158 4.975 3.908 2.668 2.474 158 150 155 150 155 16.81018.11014.71015.81016.81		5.535	5.679	4.90	4.5	3.929	2.70	64.	17.2	15.8	1018.6 4.096 155	1019.9 4.778 150	91019.9 6 5.861 0 155	1017.8
155 150 150		1020.1	1019.0	016.1	1	514.	1015.3	0.5	016.6	015.2	1018.2	-	1019.6	1017.3
15.11018.51015.41016.41017.31 15.31019.41016.01016.91018.11 15.31019.41016.01016.91018.11 15.31018.71015.21016.21017.31 15.31018.71015.21016.21017.31 15.31017.11013.71014.81015.91 15.31017.11013.71014.91015.91 15.31018.31014.81016.11017.01 15.31018.31014.81016.11017.01 15.31018.31014.81016.11017.01 15.31018.31014.81016.11017.01 15.31018.31014.81016.11017.01 15.31018.31014.81016.31		155	141		-7	200	150	• -	25		15	150	15	
155 141 155 150 155 15		1020.5	1019.7	017.1	018	015.4	1016.	2.549	017	3.441	1019.2	1020.2	1019.9	1018.1
1022.01021.01018.31019.41016.01016.91018.11 155 141 155 150 155 150 155 150 155 155 141 155 150 15.21016.21017.31 155 141 155 150 155 150 155 150 155 155 141 155 150 155 150 155 150 155 155 141 155 150 155 150 155 150 155 155 151 151 152 150 155 150 155 155 151 155 150 155 150 155		155	141		7		-	15			1.5		51	8
5.797 5.937 4.942 5.472 4.129 2.705 2.634 155 141 155 150 155 150 155 150 155 15.739 5.738 4.757 5.314 4.110 2.676 2.513 15.739 5.738 4.757 5.314 4.110 2.676 2.513 15.739 5.738 4.757 5.314 4.110 2.676 2.513 15.657 5.567 4.643 5.131 3.954 2.654 2.531 15.657 5.567 4.643 5.131 3.954 2.654 2.531 1019.91018.61015.91017.11013.71014.91015.91 15.583 5.486 4.768 5.002 3.856 2.753 2.503 15.583 5.486 4.768 5.002 3.856 2.753 2.503 15.593 5.486 4.788 4.975 3.908 2.668 2.474 1020.61019.61016.91018.31014.81016.11017.01 15.700 5.544 4.738 4.975 3.908 2.668 2.474 15.700 5.544 4.738 4.975 3.908 2.668 2.474 15.700 5.544 4.738 4.975 3.908 2.668 2.474 15.700 5.544 4.738 4.975 3.908 2.668 2.474 15.500 5.544 4.738 4.975 3.908 2.668 2.474	1	1022.0	1051.0	0	016	91	0	118.1	101	6.91	1020.2	102	21.	
1020.71020.01017.51018.71015.21016.21017.31 155 739 5.738 4.757 5.314 4.110 2.676 2.513 155 141 155 150 155 150 155 150 155 1567 5.567 4.643 5.131 3.954 2.654 2.531 1570 1018.61015.91017.11013.71014.91015.91 1020.61019.61016.91018.31014.81016.11017.01 155 141 155 150 155 150 155 155 141 155 150 155 150 155 155 151 1017.01 1020.41019.41016.81018.11014.71015.81016.81 1020.41019.41016.81018.11014.71015.81016.81	-	5.797	5.937	*	3.	15	N	155	2.2	150	4.305	5	6.042	1826
5.739 5.738 4.757 5.314 4.110 2.676 2.513 155 141 155 150 155 150 155 150 155 15.657 5.567 4.643 5.131 3.954 2.654 2.531 15.5 141 155 150 153 150 155 15.583 5.486 4.768 5.002 3.856 2.753 2.503 15.583 5.486 4.768 5.002 3.856 2.753 2.503 15.583 5.486 4.768 5.002 3.856 2.753 2.503 15.583 5.486 4.788 4.975 3.908 2.666 2.474 1020.61019.61016.91018.31014.81016.11017.01 15.50.41019.41016.81018.11014.71015.81016.81		1020.7	1020.0	8.7.10	010	100		1	7.6	2	018	120	19.	8
155 141 155 150 155 15	-	5.739	5.738	4.757		-		513	295	N	4.318	9.0	5.935	4.759
1019.11018.11015.81017.11013.71014.81015.81 15.657 5.567 4.643 5.131 3.954 2.654 2.531 155 141 155 150 153 150 155 155 141 155 150 155 150 155 1020.61019.61016.91018.31014.81016.11017.01 1020.41019.41016.81018.11014.71015.81016.81 5.706 5.740 4.884 5.211 4.066 2.769 2.615	-	155		155		7		2	155	150	13	- 12	15	1826
5.657 5.567 4.643 5.131 3.954 2.654 2.531 155 141 155 150 155 150 155 150 155 1019.91018.61015.91017.11013.71014.91015.91 5.583 5.486 4.768 5.002 3.856 2.753 2.503 155 141 155 150 155 150 155 1020.61019.61016.91018.31014.81016.11017.01 5.700 5.544 4.738 4.978 3.908 2.666 2.474 155 141 155 150 155 150 155 150.41019.41016.81018.11014.71015.81016.81	1	1019.1	1018.1	015.8	017.1	13	0	015	9	14.5	1017,3		18.	0
1019.91018.61015.91017.11013.71014.91015.91 155 141 155 150 155 150 155 1020.61019.61016.91018.31014.81016.11017.01 1020.41019.41016.81018.11014.71015.81016.81 1020.41019.41016.81018.11014.71015.81016.81	-	5.657	5.567	4.0	131	20.	N	. 53	15.	2.816		4.755	5.678	4.617
5.583 5.486 4.768 5.002 3.856 2.753 2.503 155 141 155 150 155 150 155 150 155 150 155 150 155 150 155 150 155 1020.61019.61016.91018.31014.81016.11017.01 155 150 155 155					,	1		1			0 4.0			
1020.61019.61016.91018.31014.81016.11017.01 5.700 5.544 4.738 4.978 3.908 2.666 2.474 155 141 155 150 155 150 155 1020.41019.41016.81018.11014.71015.81016.81	-	2017	1018.01 8.486	4.768	000	50.0	27.0	2.50	210	849	4.046	4.802	5.600	10101
1020.61019.61016.91018.31014.81016.11017.01 5.700 5.544 4.738 4.975 3.908 2.666 2.474 155 141 155 150 155 150 155 1020.41019.41016.81018.11014.71015.81016.81	-	155			-	-5	15	15	- 13	150	155	15		-
5.700 5.544 4.738 4.978 3.908 2.666 2.474 155 141 155 150 155 150 155 1020.41019.41016.81018.11014.71015.81016.81 5.706 5.740 4.884 5.211 4.066 2.769 2.615		1020.6	1019.6	16	18	-	016.1	1017	017.	0	0.61	20.0	1019.	18.
1020.41019.41016.81018.11014.71015.81016.81 5.706 5.740 4.884 5.211 4.066 2.769 2.615		5.700	5.544	.73	5.		2.668	2.4	2.21	N	050	4.925	5.662	4.668
016.81018.11014.71015.81016.81	-	133	141	7				1	2		2	2		70
4.884 5.211 4.060 2.769 2.615	1	1020.4	1019.4	1016.8	1018.1	1014.7		116.8		1015.7	1018.6	1019.8	0	1017.7
0561 0061 0461 0061 0461		3.706	5.740	4000	1200	4.060		2.615		3.080	1260	4.983		4.808